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MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

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DISCOVERIES

New Fields

None

Extensions to Fields

None

New Pay Zones in Fields

HILL. Effingham County, 16-6N-6E, Spar Mtn. at 2543'. Discovery well, S. A. & Sylvia Britton #1 C. Bushue (OWWO, was D&A), IP 7 BOP, 10 BW.

KEENVILLE. Wayne County, 27-1S-5E, Salem at 3612'. Discovery well, Fletcher F. Farrar #1 Roy Reed, IP 335 BOP.

MAPLE GROVE CONSOLIDATED. Wayne County, 23-1N-9E, St. Louis at 3500'. Discovery well, Energy Resources Corp. #3 French. IP 35 BOP, 75 BW, includes production from Aux Vases and Spar Mtn. also.

MAYBERRY. Wayne County, 8-3S-6E, Ullin (Warsaw) at 4204'. Discovery well, Comanche Oil Corp. #1 Parker Comm., IP 200 BOP, 20 BW.

SPRINGERTON SOUTH. White County, 32-4S-8E, Aux Vases at 3316'. Discovery well, R K Petroleum Corp. #1 Warthen Comm., IP 198 BOP, 20 BW.

TABLE I

New Pools Discovered from February 1976 through January 1977

Pool:	County	Twp.	Rng.
February 1976			
Harristown S:	Macon	16N	1E
March			
None			
April			
None			
May			
None			
June			
Hadley:	Richland	4N	14W
Kell North:	Marion	1N	3E
July			
None			
August			
Enfield North:	White County	5S	8E
September			
None			
October			
None			
November			
Ferrin:	Clinton County	2N	1W
Springerton South:	White County	4S	8E
December			
None			
January 1977			
None			

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				Production in Thousands of Barrels
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,280
Apr.	46	0	3	42	7	20	10	6	78	2,261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2,222
Dec.	90	0	5	80	15	57	15	9	161	2,235
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,298
1977										
Jan.	84(1)	0	0	37	4(1)	16	2	3	58	2,235

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through November 1976 are from reports received directly from crude gathering companies. The figures for December 1976 and January 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, January 1977

County	Permits to Drill°	Total Comp.	Production Tests: New Holes: Prod.	Production Tests: New Holes: D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions Were Prod.	Service Wells: Conversions Were Others	Structure Tests
Brown	1	-	-	-	-	-	-	-	-
Christian	-	6	-	-	-	-	6	-	-
Clark	2	1	1	-	-	-	-	-	-
Clay	7	7	4	3	-	-	-	-	-
Clinton	-	1	1	-	-	-	-	-	-
Crawford	7	4	3	-	1	-	-	-	-
Edwards	1	2	-	2	-	-	-	-	-
Effingham	3	1	-	-	1	-	-	-	-
Fayette	1	1	-	1	-	-	-	-	-
Franklin	6	1	-	1	-	-	-	-	-
Gallatin	1	1	1	-	-	-	-	-	-
Hamilton	2	-	-	-	-	-	-	-	-
Jasper	2	3	2	-	1	-	-	-	-
Lawrence	1	14	4	-	-	10	-	-	-
Macoupin	-	1	-	-	1*	-	-	-	-
Marion	3	-	-	-	-	-	-	-	-
Monroe	1	2	2	-	-	-	-	-	-
Randolph	-	1	-	1	-	-	-	-	-
Richland	3	3	3	-	-	-	-	-	-
St. Clair	-	1	-	1	-	-	-	-	-
Saline	1	1	-	1	-	-	-	-	-
Sangamon	1	1	-	1	-	-	-	-	-
Shelby	-	1	-	1	-	-	-	-	-
Wabash	1	2	-	2	-	-	-	-	-
Wayne	8	19	12	5	1	-	-	1	-
White	6	5	4	1	-	-	-	-	-
Williamson	-	1	-	1	-	-	-	-	-
	58	80	37	21	5	10	6	1	-

* Gas well.

° Issued by Department of Mines and Minerals, Springfield, Illinois, January 1, 1977, through January 26, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, January 1977

County	Permits to drill[o]	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver-sions	New Wells	Conver-sions
La Salle	-	4	2	-	2	-
McLean	5	-	-	-	-	-
	5	4	2	-	2	-

In addition to the above, one permit was issued for a structure test in Illinois in connection with underground storage of natural gas.

[o] Issued by Department of Mines and Minerals, Springfield, Illinois, January 1, 1977, through January 26, 1977.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

SUMMARY OF DRILLING IN ILLINOIS IN 1976*

County	Number of Wells Drilled in 1976						Footage Drilled in 1976	
	Total Completions	Total Producing		Total Dry Holes				
		Oil	Gas	Field	Wildcat Near	Wildcat Far	Producing Wells	Total
Adams	7	2	-	4	-	1	1328	5362
Bond	10	7	-	3	-	-	6497	11692
Brown	4	1	-	1	1	1	670	2545
Cass	1	-	-	-	-	1	-	770
Christian	8	2	-	5	1	-	3633	16283
Clark	19	11	-	3	-	5	12867	26505
Clay	127	85	-	34	7	1	259999	388973
Clinton	21	7	1	5	4	4	20329	38848
Coles	12	8	-	2	-	2	14897	22835
Crawford	207	187	-	19	-	1	208975	233400
Cumberland	6	2	-	2	1	1	3059	12633
DeWitt	2	-	-	-	-	2	-	3257
Douglas	7	2	-	5	-	-	3414	13079
Edgar	18	3	4	4	5	2	3264	12834
Edwards	50	32	-	15	3	-	97191	156381
Effingham	11	5	-	3	2	1	11521	30107
Fayette	32	23	-	5	1	3	38664	59087
Franklin	19	5	-	8	5	1	22549	65451
Gallatin	13	4	-	7	1	1	10418	35864
Greene	1	-	-	-	-	1	-	422
Hamilton	15	4	-	8	3	-	14336	50652
Hancock	2	-	-	-	-	2	-	1415
Henderson	1	-	-	-	-	1	-	1030
Jackson	3	-	-	1	-	2	-	8619
Jasper	10	7	-	3	-	-	20669	29567
Jefferson	16	8	-	7	1	-	24201	47764
Lawrence	86	61	-	18	7	-	137453	196660
McDonough	1	-	-	-	-	1	-	750
McLean	1	-	-	-	-	1	-	1203
Macon	10	3	-	5	1	1	6537	21264

Macoupin	2	-	-	1	1	-	-	950
Madison	11	2	-	5	1	3	1139	10739
Marion	30	7	-	8	9	6	16169	82752
Monroe	1	1	-	-	-	-	385	386
Montgomery	1	-	-	-	1	-	-	683
Morgan	1	-	-	-	-	1	-	825
Moultrie	2	-	-	-	-	2	-	5217
Perry	9	1	-	1	4	3	1173	13314
Piatt	2	-	-	-	-	2	-	4193
Randolph	3	1	-	2	-	-	2300	6798
Richland	22	9	-	11	2	-	28800	69747
St. Clair	12	-	6	-	3	3	1858	11739
Saline	20	9	-	4	4	3	26003	59093
Sangamon	24	9	-	9	3	3	15931	42834
Schuyler	1	-	-	1	-	-	-	576
Shelby	7	3	-	-	-	4	8954	21897
Vermilion	1	-	-	-	-	1	-	1464
Wabash	99	48	-	50	1	-	108758	227937
Washington	19	2	-	7	4	6	3602	30802
Wayne	154	103	-	48	3	-	383823	571123
White	102	51	-	33	14	4	165937	335562
Williamson	14	6	-	2	4	2	16020	37599
	1257	721	11	349	97	79	1703324	3031482

* Only new holes drilled as oil and gas tests. Does not include service wells, structure tests, holes drilled for natural gas storage, or old wells reworked or deepened.

OIL AND GAS DEVELOPMENT MAPS

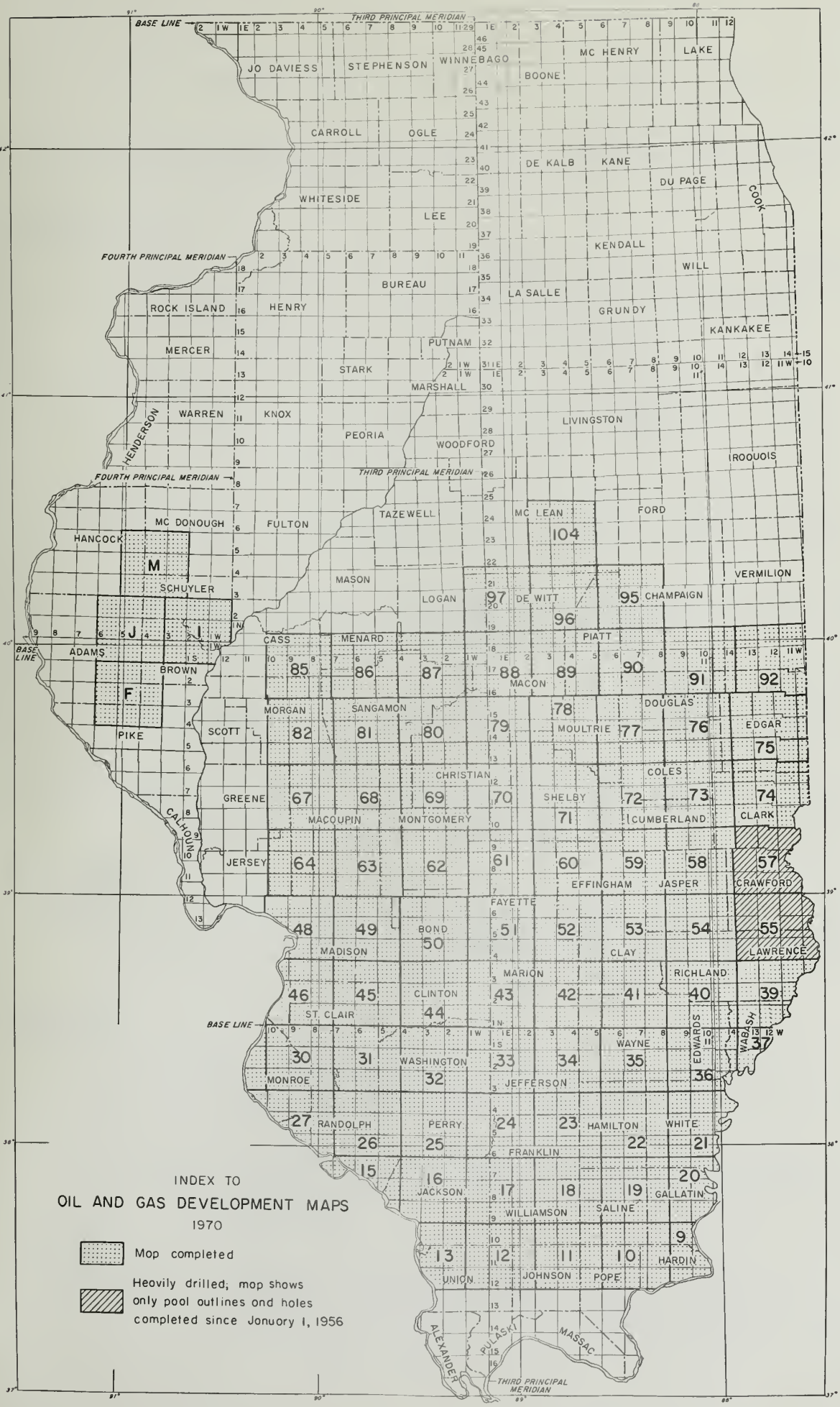
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1976, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

20.	Shawneetown	36.	Albion	51.	Patoka	72.	Mattoon
21.	Carmi	37.	Mt. Carmel	52.	Kinmundy	73.	Charleston
24.	Du Quoin	40.	Noble	53.	Louisville	77.	Arcola
25.	Pinckneyville	41.	Clay City	54.	Olney	78.	Sullivan
26.	Sparta	42.	Xenia	58.	Greenup		
31.	Marissa	43.	Centralia	59.	Effingham		
32.	Nashville	44.	Carlyle	60.	Beecher City		
33.	Roaches	45.	Lebanon	61.	Ramsey		
34.	Mt. Vernon	49.	Worden	70.	Pana		
35.	Fairfield	50.	Greenville	71.	Shelbyville		


BASE LINE
THIRD PRINCIPAL MERIDIAN
FOURTH PRINCIPAL MERIDIAN
JO DAVIESS
STEPHENSON
WINNEBAGO
BOONE
MC HENRY
LAKE
CARROLL
OGLE
DE KALB
KANE
DU PAGE
COOK
WHITESIDE
LEE
KENDALL
WILL
BUREAU
LA SALLE
GRUNDY
ROCK ISLAND
HENRY
KANKAKEE
MERCER
PUTNAM
STARK
MARSHALL
WARREN
KNOX
HENDERSON
PEORIA
WOODFORD
LIVINGSTON
IROQUOIS
MC DONOUGH
FULTON
TAZEWELL
MC LEAN
FORD
HANCOCK
SCHUYLER
MASON
LOGAN
DE WITT
CHAMPAIGN
VERMILION
ADAMS
BROWN
CASS
MENARD
PIATT
MACON
MORGAN
SANGAMON
MOULTRIE
DOUGLAS
EDGAR
PIKE
SCOTT
CHRISTIAN
COLES
GREENE
SHELBY
CUMBERLAND
CLARK
CALHOUN
MACOUPIN
MONTGOMERY
JERSEY
EFFINGHAM
JASPER
CRAWFORD
FAYETTE
BOND
MADISON
CLAY
LAWRENCE
MARION
RICHLAND
CLINTON
ST. CLAIR
WAYNE
EDWARDS
WABASH
WASHINGTON
MONROE
JEFFERSON
RANDOLPH
PERRY
HAMILTON
WHITE
FRANKLIN
JACKSON
GALLATIN
WILLIAMSON
SALINE
HARDIN
UNION
JOHNSON
POPE
ALEXANDER
PULASKI
MASSAC
THIRD PRINCIPAL MERIDIAN
INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970
Map completed
Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELLS COMPLETED FROM JANUARY 1, 1977 TO JANUARY 28, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WF) is more than 1½ miles from production.

CHRISTIAN COUNTY

13N, 3W

3, SW NW SW. Joe Simpkins Oil Developments #C-1 Beavers. Conversion. Was Lama Oil Co. #1 Beavers-Peabody Comm. "C". Was Devonian producer. Comp. 10-27-76. COTD 1820'. Water input. Devonian, top 1802'. Kincaid Consol.

3, SW NW SE. Joe Simpkins Oil Developments #5 Hibbard. Conversion. Was Lama Oil Co. #5 Hibbard. Was Devonian producer. Comp. 10-29-76. COTD 1822'. Water input. Devonian, top 1799'. Kincaid Consol.

3, 340'NL, 330'WL, SE SW. Joe Simpkins Oil Dev. #2 Linton-Peabody. Conversion. Was Devonian producer. Comp. 10-27-76. TD 1806'. Water input. Devonian, top 1791'. Kincaid Consol.

9, 383'SL, 388'EL, SW SW. Joe Simpkins Oil Dev. #3 German. Conversion. Was Devonian producer. Comp. 10-30-76. COTD 1837'. Water input. Devonian, top 1821'. Kincaid Consol.

9, 330'NL, 671'WL, SW SW. Joe Simpkins Oil Dev. #4 German. Conversion. Was Devonian producer. Comp. 11-10-76. COTD 1840'. Water input. Devonian, top 1814'. Kincaid Consol.

15, 331'SL, 371'EL, NW. Joe Simpkins Oil Dev. #4 Perrozzo. Conversion. Was Devonian producer. Comp. 11-3-76. COTD 1859'. Water input. Devonian, top 1840'. Kincaid Consol.

CLARK COUNTY

9N, 13W

13, 330'NL, 430'WL, SE SW. James B. Orrell #6-A Vern Davison. Spd. 11-30-76. Comp. 1-20-77. TD 871'. IP 10 BOP/100 BW. Pennsylvanian, top 840' (approx.), frac. Melrose.

CLAY COUNTY

2N, 7E

13, C S/2 SE NE. Hagen Oil Co. #1 V. Ullom. Spd. 7-26-76. Comp. 9-17-76. TD 3699'. IP 48 BOP/trace of water. Salem, top 3566', acid and acid frac. Clay City Consol.

17, SW SE NW. Richard W. Beeson #1 Mamie Williams et al. Spd. 12-15-76. Comp. 1-5-77. TD 4000'. D&A. Warsaw, top 3798'. Clay City Consol.

2N, 8E

10, SW NE NW. Union Oil Co. of California #1 G. W. Sharp A, T.M. & S. Unit. Conversion. Was Shulman Bros. #1-A G. W. Sharp. Was Cypress producer converted to Cypress water input. Comp. 8-10-76. COTD 2605'. IP 5 BOP/81 BW. Cypress, top 2597'. Clay City Consol.

CLAY COUNTY (continued)

2N, 8E

16, NE NE SW. C. E. Brehm Drlg. & Prod. #1 Moseley. Spd. 1-23-76. Comp. 2-1-76. TD 3675'. D&A. Salem, top 3376'. Clay City Consol.

17, SE NW NW. Union Oil Co. of Calif. #3 Henry R. Bissey. Spd. 11-13-76. Comp. 1-11-77. TD 3679'. IP 291 BOP/216 BW. Salem, top 3550', frac. Clay City Consol.

Irr. 18, 560'SL, 330'WL, NW. Mid-Western Oil Co., Inc. #3 Gibbs. Spd. 12-16-76. Comp. 12-28-76. TD 3658'. D&A. Salem, top 3354'. Clay City Consol.

4N, 7E

35, 330'NL, 530'WL, SE NE. Woodrow Franklin #5-B Kessler. Spd. 6-29-76. Comp. 12-8-76. TD 3546'. Oil producer, IP not available. St. Louis, top 3198', acid. Sailor Springs Consol.

5N, 7E

Irr. 30, 330'NL, 660'EL, SE NW. Bob Hatfield #2 Quinn. Spd. 10-17-76. Comp. 12-21-76. TD 2848'. IP 20 BOP/40 BW. Spar Mountain, top 2836', mca. Toliver East.

CLINTON COUNTY

2N, 3W

10, 380'SL, 345'WL, NW NE. Leland Monken #4 Hempen et al. Spd. 7-12-76. Comp. 11-20-76. TD 1050'. IP 5 BOP/12 BW. Cypress, top 1034', frac. Carlyle.

CRAWFORD COUNTY

5N, 13W

1, NE NW SW. Energy Resources of Indiana, Inc. #6 Valdez. Spd. 11-24-76. Comp. 12-28-76. TD 1436'. IP 36 BOP. Pennsylvanian, top 1220'. Main Consol.

1, 380'SL, 330'WL, NW. Energy Resources of Ind., Inc. #7 Valdez. Spd. 12-1-76. Comp. 1-4-77. TD 1432'. IP 108 BOP. Pennsylvanian, top 1224'. Main Consol.

2, NE SE SE. Energy Resources of Ind., Inc. #3 Richart Heirs. Spd. 11-19-76. Comp. 12-28-76. TD 1367'. IP 240 BOP. B. Pennsylvanian, top 1280'. Main Consol.

6N, 12W

29, NW NE SE. Triple "B" Oil Prod. #1 S. S. Reinoehl. OWWO. Was Televest Exploration, Inc. #1 S. S. Reinoehl. Was D&A. OTD 2195'. Comp. 10-20-75. Recomp. 10-26-76. COTD 1110'. Waterflood producer, IP not available. Robinson, top 931'. Main Consol. (Was erroneously run as D&A in Nov. 1976 Drlg. Report.)

CRAWFORD COUNTY (continued)

8N, 13W

25, 2'SL, 5'EL, SW NE. Used Oilfield Equipment LW-2 Floyd & Julia Wagoner. Abd. loc. Main Consol.

25, 380'SL, 330'EL, NE. Used Oilfield Equipment #6 John Patelski. Abd. loc. Main Consol.

EDWARDS COUNTY

1S, 10E

24, C E/2 NE NE. Juniper Petroleum Corp. #82x-24 St. Ledger. Spd. 12-18-76. Comp. 1-4-77. TD 3936'. D&A. Ullin, top 3926'. Bone Gap Consol.

3S, 11E

Irr. 7, 330'SL, 330'EL, NW NW. French Creek Co. #4 V. Louis Fieber "M" Lease. Spd. 12-9-76. Comp. 12-13-76. TD 2500'. D&A. Waltersburg, top 2454'. Phillipstown Consol.

EFFINGHAM COUNTY

6N, 6E

16, C S/2 SW NW. Shelby A. & Sylvia Britton #1 Clifford Bushue. OWWO. Was Leslie Mason #1 C. Bushue. Was D&A. OTD 2572'. Comp. 5-30-76. Recomp. 9-21-76. COTD 2572'. IP 7 BOP/10 BW. Spar Mountain, top 2543'. Hill. NEW PAY IN FIELD.

FAYETTE COUNTY

9N, 3E

35, SE NE NW. Lamar Redman #1 McClanahan. Spd. 12-22-76. Comp. 12-30-76. TD 1730'. D&A. Aux Vases, top 1704'. Louden.

FRANKLIN COUNTY

5S, 4E

13, NE SE SW. C. E. Brehm Drlg. & Prod. #1 Tharp. OWWO. OWDD. Was Superior Oil Co. #A-2 Ettie Tharp et al. Was D&A. OTD 3305'. Comp. 11-30-48. Recomp. 12-23-76. DTD 4233'. D&A. Ullin, top 4070' (approx.). WN - Macedonia.

6S, 4E

34, 950'NL, 900'WL, SW SE. C. E. Brehm Drlg. & Prod. #1 Pulverman "F". Spd. 9-25-76. Comp. 10-2-76. TD 3252'. D&A. McClosky, top 3194'. WN - Akin.

GALLATIN COUNTY

8S, 9E

1, NW SW SE. Joe Simpkins Oil Developments #4 Len Downen. Spd. 12-23-76. Comp. 1-11-77. TD 2509'. IP 10 BOP/50 BW. Hardinsburg, top 2309', frac.; Cypress, top 2495'. Inman West Consol.

JASPER COUNTY

5N, 10E

16, SW SE NW. Robert B. Britton #4 Frohning. Spd. 10-13-76. Comp. 12-6-76. TD 3059'. IP 16 BOP/2 BW. St. Louis, top 3030', mca and frac. Clay City Consol.

JASPER COUNTY (continued)

6N, 11E

Irr. 6, 430'SL, 330'WL, NW NW. Robert B. Britton #1 Postlewait. Spd. 11-30-76. Comp. 12-29-76. TD 2688'. IP 12 BOP/4 BW. McClosky, top 2630', mca and frac. Clay City Consol.

7N, 10E

22, NE NW SE. Wichita Industries, Inc. #2 Martin. Spd. 10-29-76. Comp. 11-23-76. COTD 3321'. IP 60 BOP/82 BW. McClosky, top 2705', acid and frac. Clay City Consol.

LASALLE COUNTY

34N, 1E

4, 1278'NL, 122'EL, NW. Northern Illinois Gas Co. #1 Klinefelter. Spd. 9-21-76. Comp. 10-5-76. TD 1723'. Gas injection-withdrawal. Eau Claire, top 1210'. Troy Grove Gas Storage Field.

35N, 1E

17, 100'NL, 166'WL, NE. Northern Illinois Gas Co. #1 Waldorf. Spd. 8-12-76. Comp. 10-12-76. TD 2072'. Water observation. Mt. Simon, top 1734'. Troy Grove Gas Storage Field.

21, 98'NL, 1264'EL, NE. Northern Ill. Gas Co. #1 E. Klein. Spd. 7-27-76. Comp. 10-12-76. TD 1995'. Water observation. Mt. Simon, top 1684'. Troy Grove Gas Storage Field.

33, 216'SL, 1135'EL, SW. Northern Ill. Gas Co. #4 Hamer. Spd. 8-29-76. Comp. 11-3-76. TD 1747'. Gas injection-withdrawal. Eau Claire, top 1227'. Troy Grove Gas Storage Field.

LAWRENCE COUNTY

2N, 12W

11, 330'SL, 360'EL, NW. Transwestern Petroleum Corp. #3-B Paul Young. Spd. 11-19-75. Comp. 9-10-76. TD 1300'. Oil producer, IP not available. Biehl, top 1253'. Lawrence.

3N, 12W

15, 180'SL, 300'WL, SE SW. John M. Zanetis #13 W. H. Gillespie. OWWO. Was Ohio Oil Co. #2 G. Gillespie. Was plugged Buchanan producer. OTD 1319'. Comp. 8-09. Recomp. 8-13-76. COTD 1319'. IP 18 BOP/100 BW. Buchanan, top 1302'. Lawrence.

27, NE SW NW. Cinco Oil Co., Inc. #2 Willis Nichols. OWWO. OWDD. Was Bill Vaught #1 Opal Sydnor. Was D&A. OTD 1983'. Comp. 9-20-60. Recomp. 3-6-76. TD 2402'. D&A. Ullin, top 2395'. Lawrence.

3N, 13W

13, NE SW NE. Heath Oil Production #1 J. C. Middagh. Spd. 6-3-76. Comp. 10-2-76. TD 3900'. IP 20 BOP/10 BW. Spar Mountain, top not available, mca and frac. Lawrence.

LAWRENCE COUNTY (continued)

3N, 13W

14, C E/2 SW SE. Black & Black Oil Co. #1 Scherer. Spd. 7-23-76. Comp. 12-8-76. TD 2236'. Oil producer, IP not available. Paint Creek, top 2066'. Lawrence West.

4N, 12W

7, 900'NL, 963'EL, NE. Marathon Oil Co. #8 Ella Baltzell. Spd. 10-5-76. Comp. 10-7-76. TD 99'. WSW. Alluvium, top 40'. Lawrence.

19, 10'SL, 660'EL, NW SE. Marathon Oil Co. #PB-19 S. E. Hazel, A/C #1. Spd. 9-9-76. Comp. 11-25-76 (est.). TD 889'. Water input. Bridgeport, top 780'. Lawrence.

19, C NE NE. Marathon Oil Co. #RB-14 S. E. Hazel, A/C 1. Spd. 10-12-76. Comp. 12-7-76 (est.). TD 922'. Water input. Bridgeport, top 840'. Lawrence.

19, 25'SL, 660'EL, NE. Marathon Oil Co. #RB-17 S. E. Hazel, A/C 1. Spd. 10-6-76. Comp. 11-20-76 (est.). TD 905'. Water input. Bridgeport, top 826'. Lawrence.

19, 0'SL, 10'EL, NE. Marathon Oil Co. #SB-17 S. E. Hazel, A/C 1. Spd. 10-4-76. Comp. 11-20-76 (est.). TD 985'. Water input. Bridgeport, top 812'. Lawrence.

19, 657'SL, 10'WL, SE SE. Marathon Oil Co. #QB-20 G. L. Miller. Spd. 10-19-76. Comp. 12-7-76 (est.). TD 955'. Water input. Bridgeport, top 811'. Lawrence.

19, 50'SL, 45'WL, SE SE. Marathon Oil Co. #QB-21 G. L. Miller. Spd. 10-14-76. Comp. 12-5-76 (approx.). TD 955'. Water input. Bridgeport, top 791'. Lawrence.

19, 660'SL, 670'WL, SE SW. Marathon Oil Co. #MB-20 E. Willey. Spd. 9-1-76. Comp. 12-2-76 (est.). TD 1068'. Water input. Bridgeport, top 812'. Lawrence.

20, 36'SL, 660'WL, NW SW. Marathon Oil Co. #TB-19 C. L. Lewis. Spd. 10-31-76. Comp. 1-10-77 (est.). TD 1020'. Water input. Bridgeport, top 861'. Lawrence.

20, 660'SL, 10'WL, NW. Marathon Oil Co. #SB-16 Mary A. Wood A/C. Spd. 10-11-75. Comp. 1-15-77 (est.). TD 1020'. Water input. Bridgeport, top 844'. Lawrence.

29, 741'NL, 660'WL, NW. Marathon Oil Co. #1 Crackle-Silurian Lot-Bower Comm. Spd. 8-3-76. Comp. 9-14-76. TD 3090'. IP 110 BOP/199 BW. Devonian, top 2968', frac. Lawrence.

MACOUPIN COUNTY
10N, 6W

2, SE NW SE. Comanche Oil Corp. #1 Malham. OWWO. By Comanche Oil. Was D&A. OTD 576'. Comp. 7-20-60. Recomp. 1-18-77. COTD 576'. IP 46 MCF. Pennsylvanian, top 552'. WF. MAY OPEN NEW FIELD.

MONROE COUNTY
2S, 10W

11, SE NE NW. Marble Rock Co. & Vey-Nis Production, Inc. #1 Earl Kolmer. Spd. 10-18-76. Comp. 11-5-76. TD 431'. IP 10 BOP/20 BW. Trenton, top 405', acid. Waterloo.

11, SW SW NE. John W. Kelly #1 Ralph Kolmer. Spd. 10-18-76. Comp. 1-12-77. TD 462'. IP 10 BOP/10 BW. Trenton, top 398', acid. Waterloo.

RANDOLPH COUNTY
6S, 6W

22, NE SE SW. Bufay Oil Co. #1 Gremmels. Spd. 12-26-76. Comp. 1-3-77. TD 1819'. D&A. Devonian, top 1770' (approx.). WF.

RICHLAND COUNTY
2N, 9E

Irr. 6, 990'SL, 990'EL, NE NW. Hudson-Mansfield & Helm Petr. Co. #2 H. Fryman. Spd. 11-3-76. Comp. 1-18-77. TD 3111'. IP 30 BOP. Aux Vases, top 2934', frac. Schnell.

Irr. 6, 330'SL, 330'EL, NE NW. Hudson-Mansfield & Helm Petr. Co. #3 H. Fryman. Spd. 11-14-76. Comp. 1-18-77. TD 3098'. IP 35 BOP. Aux Vases, top 2940', frac. Schnell.

3N, 9E

Irr. 19, 330'NL, 330'WL, SE NE. Bernard Podolsky #1 Charles H. Van Blaricum. Spd. 9-16-76. Comp. 1-6-77. TD 3050'. IP 10 BOP/0 BW. McClosky, top 3001', acid. Clay City Consol.

ST. CLAIR COUNTY
2N, 7W

11, SW SE NE. Texas Pacific Oil Co., Inc. #1 R. W. Clark. Spd. 1-3-77. Comp. 1-11-77. TD 2330'. D&A. Trenton, top 2305' (approx.). WF.

SALINE COUNTY
7S, 5E

29, NW NE NE. C. E. Brehm Drlg. & Prod. #1 Wilson. Spd. 2-5-76. Comp. 2-11-76. TD 3249'. D&A. Ste. Genevieve, top 3231'. Dale Consol.

SANGAMON COUNTY
16N, 3W

27, SE SW SW. Edward C. Koch #1 Schafer. Spd. 12-18-76. Comp. 1-5-77. TD 1824'. D&A. Silurian, top 1715' (approx.). WF.

SHELBY COUNTY

10N, 1E

20, NE NW SW. C. E. Brehm Drlg. & Prod. #2 Sommer. Spd. 1-21-76. Comp. 1-27-76. TD 2845'. D&A. Devonian, top 2827'. Oconee.

WABASH COUNTY

1N, 12W

Irr. 30, 330'SL, 330'EL, NE. Jack E. Small #2 Norman Dunkel "B". Spd. 12-22-76. Comp. 12-27-76. TD 1610'. D&A. Biehl, top 1510'. Allendale.

1S, 12W

Irr. 10, 660'SL, 330'EL, NW. Southern Triangle Oil Co. #1 Jacob Zimmerman. Abd. loc. Mt. Carmel.

1S, 13W

21, SE SE NW. Hocking Oil Co., Inc. #1 Gilbert Wirth. Spd. 1-3-77. Comp. 1-15-77. TD 3510'. D&A. Salem, top 3130'. New Harmony Consol.

2S, 13W

Irr. 30, 1650'NL, 1650'EL, NW. Jack Hocking #4 Jack Hocking et al. OWWO. OWDD. Was D&A. OTD 2666'. Comp. 10-10-75. Recomp. 12-31-76. DTD 3740'. D&A. Salem, top 3300' (approx.). New Harmony Consol.

Irr. 31, 601'NL, 990'EL, SW. Gilbert A. Higgins #6 Parmenter. Spd. 10-28-76. Comp. 11-16-76. COTD 2100'. IP 12 BOP. Tar Springs, top 2085'. New Harmony Consol.

WASHINGTON COUNTY

3S, 5W

31, NW NW SW. C. Stephens #2 Orr-Franklin Comm. Spd. 5-16-70. Comp. 12-31-76. DTD 2326'. IP 40 BOP. Silurian, top 2226'. Tildon North.

WAYNE COUNTY

1N, 5E

28, NE NW NW. United States Oil, Inc. #1 Reba L. Alred. Spd. 11-8-76. Comp. 1-18-77. TD 3033'. D&A. McClosky, top 3002'. WN - Orchardville.

1N, 7E

5, NE NE NW. Independent Oil Co. #1 E. A. Keith. Abd. loc. Rinard North.

35, SW NE SW. Richard W. Beeson #3 Harold Barnard. Spd. 10-20-76. Comp. 11-26-76. TD 4070'. IP 175 BOP. Aux Vases, top 3037', mca and frac. Clay City Consol.

1N, 8E

10, NW SE NW. Midwest Oil Producers #1 Behymer. Spd. 9-11-76. Comp. 12-31-76. TD 3782'. D&A. Salem, top 3426'. Clay City Consol.

WAYNE COUNTY (continued)

1N, 8E

11, 500'SL, 600'EL, NW SE. Partlow & Cochonour #1 Barth. OWWO. OWDD. Was Walter Morton #2 Barth. Was D&A. OTD 3260'. Comp. 11-18-59. Recomp. 12-30-76. DTD 3700'. IP 25 BOP/25 BW. Salem, top 3461', frac. Clay City Consol.

33, NW SE NE. Robinson Production, Inc. #4 Rinkel. Spd. 10-19-76. Comp. 12-28-76. TD 3030'. IP 25 BOP. Aux Vases, top 2993', mca and frac. Clay City Consol.

1N, 9E

2, NE SW SE. John M. Zanetis #1 Melton-Meadows Comm. Abd. loc. Calhoun South.

23, SE SW NW. Energy Resources Corp. #3 French. Spd. 6-28-76. Comp. 12-30-76. TD 4020'. IP 35 BOP/75 BW. Aux Vases, top 3168'; Spar Mountain, top 3254', acid; St. Louis, top 3500', acid. Maple Grove Consol. St. Louis. NEW PAY IN FIELD.

2N, 7E

24, SW NE SW. Union Oil Co. of Calif. #4 Lafayette Gill. Spd. 10-26-76. Comp. 1-11-77. TD 3615'. IP 62 BOP/86 BW. Salem, top 3392', acid. Clay City Consol.

1S, 5E

27, NE NW SW. Fletcher F. Farrar #1 Roy Reed. Spd. 11-16-76. Comp. 1-4-77. TD 3807'. IP 335 BOP. Salem, top 3612'. Keenville. NEW PAY IN FIELD.

1S, 6E

Irr. 1, 330'SL, 330'EL, SW. David Allison #1 C. Hilliard. Spd. 12-28-76. Comp. 1-15-77. TD 3242'. IP 140 BOF/0 BW. McClosky, top 3232', nat. Johnsonville Consol.

14, SW NE SW. Fletcher F. Farrar #2 Bass-Fansler Unit. Spd. 11-4-76. Comp. 12-28-76. TD 3795'. IP 45 BOP/30 BW. McClosky, top 3142'; Salem, top 3746', mca. Johnsonville South.

14, C S/2 SE SE. Rio-Petro, Inc. #3 James Beeson. Conversion. Was Van Fossan Assoc. #3 James Beeson. Was D&A. (Temp. abd.) OTD 3830'. Comp. 6-2-76. Recomp. 8-20-76. COTD 2890'. SWD. Cypress, top 2876'. Johnsonville South.

14, 380'SL, 330'EL, NW SW. Van Fossan Associates #1 Thomas Tetrich. Spd. 11-20-76. Comp. 1-6-77. TD 3785'. D&A (SO). Salem, top 3500' (approx.). Johnsonville South.

22, SE NE NE. Robert N. Gooch #1 Porch. OWWO. Was Booth Oil. Was D&A. OTD 3801'. Comp. 11-20-76. Recomp. 12-30-76. COTD 85'. D&A - crooked hole. Johnsonville South.

23, 330'SL, 380'WL, NW NE. Fletcher F. Farrar #2 Manahan. Spd. 11-18-76. Comp. 12-28-76. TD 3822'. IP 60 BOP/7 BW. Salem, top 3760', mca and acid. Johnsonville South.

WAYNE COUNTY (continued)

1S, 6E

23, SW SW NE. Van Fossan Associates #3 Leslie White. Spd. 12-14-76. Comp. 12-23-76. TD 3839'. D&A. Salem, top 3567'. Johnsonville South.

24, SW SE SW. Carl E. Busby #6 Sims. Spd. 12-4-75. Comp. 12-31-76. TD 3842'. IP 5 BOP/30 BW. Aux Vases, top 3112', nat. Clay City Consol.

1S, 7E

2, NW NW NE. Van Fossan Associates #1 Herman Hawk. Spd. 12-27-76. Comp. 1-7-77. TD 4001'. D&A. Salem, top 3538'. Clay City Consol.

1S, 8E

14, SW SW SW. Royalco, Inc. #1-A Osterman Unit. Spd. 10-31-76. Comp. 1-15-77. TD 4001'. IP 70 BOP/250 BW. Salem, top 3746', mca. Clay City Consol.

15, 380'NL, 330'EL, SW SW. Union Oil Co. of Calif. #B-1 O. H. Gray. Spd. 11-2-76. Comp. 12-28-76. TD 3827'. IP 340 BOP/150 BW. Salem, top 3591'. Clay City Consol.

3S, 6E

8, SW SE NW. Comanche Oil Corp. #1 Parker Comm. Spd. 11-25-76. Comp. 1-14-77. TD 5373'. IP 200 BOP/20 BW. Ullin, top 4204', acid. Mayberry. NEW PAY IN FIELD.

WHITE COUNTY

4S, 8E

32, SW SE NE. R K Petroleum Corp. #1 Warthen Comm. Spd. 11-23-76. Comp. 12-28-76. TD 3462'. IP 198 BO/20 BW. Aux Vases, top 3316-3324', nat. Springerton South. NEW PAY IN FIELD. (This well was erroneously run as D&A in the December 1976 Drilling Report.)

32, SE SE NE. R K Petroleum Corp. #3 Warthen Comm. Spd. 12-18-76. Comp. 1-13-77. TD 3337'. IP 115 BOF. Aux Vases, top 3326', nat. Springerton South.

33, SW NW NW. Perry Fulk #1 Irene Tittle. Spd. 1-6-77. Comp. 1-15-77. TD 3500'. D&A. Ste. Genevieve, top 3415' (approx.). Springerton South.

5S, 8E

9, SE NE NW. R K Petroleum Corp. #2 Triple AAA Ranch. Spd. 11-28-76. Comp. 1-18-77. TD 3497'. IP 55 BOP. Aux Vases, top 3319', frac. Enfield North.

19, SE SW NE. J. D. Turner #1 Robert J. Wilson Comm. Spd. 9-27-75. Comp. 10-4-75. TD 3375'. IP 200 BOP. Aux Vases, top 3326'. Enfield. (Erroneously run as D&A in the December 1975 Drilling Report.)

WHITE COUNTY (continued)

6S, 10E

15, NW NE SW. Duke Resources Corp. #1-Maria John Fechter. Spd. 4-2-76. Comp. 12-15-76. TD 5227'. IP 86 BOP. St. Louis, top 3280', mca. Concord Consol.

WILLIAMSON COUNTY

8S, 4E

16, C N/2 SE SE. C. E. Brehm Drlg. & Prod. #1 May. Spd. 12-27-76. Comp. 1-4-77. TD 3032'. D&A. Ste. Genevieve (Joppa), top 3016' (approx.). Corinth.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH JANUARY 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLARK COUNTY

25-10N-14W, 240'SL, 840'EL, NW NW. Frank A. Bridge #4 Poffinbarger. 486'. 12-28-76. Johnson North.

25-10N-14W, 1200'NL, 100'WL, NW. Frank Bridge #1 Lulu Poffinbarger. 1647'. 12-22-76. Johnson North.

CLAY COUNTY

8-4N-5E, NW SE SW. George F. Yocum #1 Blackwell. 2629'. 1-3-77. Iola Central.

10-4N-7E, SW NE NE. Kingwood Oil Co. #2 Grace McGary. 2896'. 1-18-76. Sailor Springs Consol.

3-5N-5E, NW NW SE. Thomas M. Kiernan #2 Post, formerly P. D. Lynch #2 Wade. 4078'. 12-29-76. Iola Consol.

3-5N-7E, NW SW NE. McKinney & Funderburk #2 Sparlin. 2542'. 12-21-76. Sailor Springs Consol.

27-5N-7E, 330'NL, 380'WL, SW SE. Shelby A. & Sylvia Britton #1 S. Groves. 3300'. 1-6-77. Sailor Springs Consol.

CRAWFORD COUNTY

6-6N-12W, NW NE NW. Olin M. Weaver #1 Ethel M. Wakefield et al. 1014'. 5-24-76. Main Consol.

15-6N-13W, Approx. 110'NL, 660'WL, SW SE. Ohio Oil Co. #12 Wakefield Heirs. 952'. 10-2-75. Main Consol.

HAMILTON COUNTY

11-6S-6E, NE NW NW. Hockman Oil Co. #2 Turner, formerly Texas Co. 3092'. 12-23-76. Dale Consol.

JEFFERSON COUNTY

14-1S-3E, SE NE SE. Wright Oil Co. #2 M. E. Hunt. 2796'. 12-16-76. Divide Consol.

LAWRENCE COUNTY

2-4N-13W, SE NW NE. Nation Oil Co. #1 Pland-Critchfield Comm. 1621'. 12-10-76. Lawrence.

11-4N-13W, NE SE NW. Wright Oil Co. #1 Bridgett Comm. 1764'. 12-7-76. Lawrence.

MARION COUNTY

31-4N-1E, SE NE NE. Louis Kapp #1 Houston. 1661'. 12-13-76. Patoka.

RICHLAND COUNTY

14-4N-9E, NE NE SW. A. A. Richey #A-1 Buerster. 3033'. 10-27-75. Clay City Consol.

SANGAMON COUNTY

22-15N-4W, NW NE SW. Erick P. Weber #1 Fleming, formerly Robert G. Fisher. 1680'. 12-31-76. Springfield East.

WABASH COUNTY

8-1N-12W, SW NE SE. Magnolia Petroleum Co. #1 John Payne. 1550'. 12-6-76. Allendale.

15-1N-12W, 330'NL, 330'EL, SW SW. John M. Zanetis #2 Hawf Comm. 2057'. 11-19-76. Allendale.

17-1N-12W, NE SW SW. Spartan Petroleum Co. #1 Alfred Harris. 1540'. 12-16-76. Allendale.

7-1S-12W, SW SE SW. Skiles Oil Corp. #8 Charles Chapman. 2110'. 12-28-76. (Water input, formerly a producer.) Mt. Carmel.

18-1S-12W, 720'NL, 1540'EL, NW. H & H Oil Co. #2-A C. F. Chapman, formerly Skiles Oil Corp. #W-2 Mt. Carmel WF Unit. 2085'. 12-16-76. (Oil producer, formerly a water input. Mt. Carmel.

18-1S-12W, 1219'NL, 1293'WL, NW. H & H Oil Co., Inc. #3-A C. F. Chapman. 1749'. 12-21-76. Mt. Carmel.

18-1S-12W, 1219'NL, 199'WL, NE. C. E. Skiles & Leach Bros. #7 Chas. Chapman. 2070'. 12-23-76. (Water input, formerly a producer.) Mt. Carmel.

WAYNE COUNTY

36-2N-9E, NW NW NE. Alco Oil & Gas Corp. #1 Laura Cox. 3275'. 12-1-76. Calhoun South.

1-1S-6E, 93'NL, 330'WL, SE. Deep Rock Oil Corp. #1 E. Eikleberry. 3218'. 12-27-76. Johnsonville Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet.	99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet.	101.	Underground Storage of Natural Gas in Illinois---1973 (1974).
Ill. Pet.	102.	Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
Ill. Pet.	104.	Underground Storage of Natural Gas (1975).
Ill. Pet.	105.	Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet.	106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet.	109.	Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet.	110.	Petroleum Industry in Illinois in 1975 (1976).
Cir. 458.		Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Cir. 470.		Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Cir. 482.		The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.		Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
EGN 62.		Energy Supply Problems for the 1970s and Beyond (May 1973).
		Selected List of Available Oil and Gas Publications (May 1, 1973).

ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned
Acid — Acid treatment
BOF — Barrels of oil flowing
BOP — Barrels of oil on pump
BW — Barrels of water
C — Center
Comp. — Completed
Consol. — Consolidated
COTD — Clean-out total depth
Csg. — Casing
D & A — Dry and abandoned
Dol. — Dolomite
DTD — Drilled deeper total depth
E/2 — East $\frac{1}{2}$
EL — From the east line
Est. — Estimated
Ext. — Extension(s)
Fm. — Formation
Fr. — Fractional
Frac. — Hydraulic fracture treatment
IP — Initial production
L — Line
Loc. — Location
Ls. — Limestone
N/2 — North $\frac{1}{2}$
Nat. — Natural, no treatment
NE — Northeast $\frac{1}{4}$
NL — From the north line
NW — Northwest $\frac{1}{4}$
OTD — Old total depth
OWDD — Old well drilled deeper
OWWO — Old well worked over
PB — Plugged back
PBTD — Plugged-back total depth
R — Range
S/2 — South $\frac{1}{2}$
SE — Southeast $\frac{1}{4}$
SG — Show of gas
Sh. — Shale
SIGW — Shut-in gas well
SL — From the south line
SO — Show of oil
Spd. — Spudded
Ss. — Sandstone
SSO — Slight show of oil
SW — Southwest $\frac{1}{4}$
Swb. — Swabbing
SWD — Salt water disposal well
T — Township
TD — Total depth
Temp. abd. — Temporarily abandoned
W/2 — West $\frac{1}{2}$
WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
WL — From the west line
WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)

no. 484
c. 1

Geol Survey

State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

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DISCOVERIES

New Field

None

New Pay Zones in Fields

JOHNSONVILLE SOUTH. Wayne County, 11-1S-6E, St. Louis at 3280'. Discovery well, Republic Oil Co., Inc. #1 Pennington, IP 50 BOP, 2 BW, after acid.

Extensions to Fields

CLAY CITY CONSOLIDATED. Wayne County, 26-1S-6E, Ohara at 3148' and Salem at 3672'. Discovery well, J. & H. Oil Co. #1 Claudie I. Ralston, IP 20 BOP, 20 BW.

TABLE I

New Pools Discovered from March 1976 through February 1977

Pool: County	Twp.	Rng.
March 1976		
None		
April		
None		
May		
None		
June		
Hadley: Richland	4N	14W
Kell North: Marion	1N	3E
July		
None		
August		
Enfield North: White County	5S	8E
September		
None		
October		
None		
November		
Ferrin: Clinton County	2N	1W
Springerton South: White County	4S	8E
December		
None		
January 1977		
None		
February		
None		

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				Production in Thousands of Barrels
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,251
Apr.	46	0	3	42	7	20	10	6	78	2,261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2,222
Dec.	90	0	5	80	15	57	15	9	161	2,238
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,272
1977										
Jan.	84(1)	0	0	37	4(1)	16	2	3	58	1,680
Feb.	32	0	1	33	0	8	3	1	45	2,100

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through December 1976 are from reports received directly from crude gathering companies. The figures for January and February 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, February 1977

County	Permits to Drill°	Total Comp.	Production Tests: New Holes Prod.	Production Tests: New Holes D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions Were Prod.	Service Wells: Conversions Others	Structure Tests
Adams	2	-	-	-	-	-	-	-	-
Clark	7	2	1	1	-	-	-	-	-
Clay	13	5	4	-	-	-	1	-	-
Clinton	-	2	1	1	-	-	-	-	-
Coles	1	-	-	-	-	-	-	-	-
Crawford	13	8	-	1	-	2	-	-	5
Edwards	3	-	-	-	-	-	-	-	-
Effingham	5	-	-	-	-	-	-	-	-
Fayette	5	4	3	1	-	-	-	-	-
Franklin	7	-	-	-	-	-	-	-	-
Hamilton	2	1	1	-	-	-	-	-	-
Jasper	1	-	-	-	-	-	-	-	-
Lawrence	1	4	3	1	-	-	-	-	-
Macon	-	1	1	-	-	-	-	-	-
Madison	2	-	-	-	-	-	-	-	-
Marion	1	2	-	-	-	-	1	1	-
Monroe	5	1	1	-	-	-	-	-	-
Perry	1	-	-	-	-	-	-	-	-
Richland	1	2	-	2	-	-	-	-	-
Saline	-	1	-	-	-	-	-	1	-
Sangamon	1	1	1	-	-	-	-	-	-
Shelby	1	-	-	-	-	-	-	-	-
Wabash	1	4	1	1	-	2	-	-	-
Wayne	25	17	13	4	-	-	-	-	-
White	5	3	3	-	-	-	-	-	-
	103	58	33	12	-	4	2	2	5

° Issued by Department of Mines and Minerals, Springfield, Illinois, January 27, 1977, through February 24, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, February 1977

County	Permits to drill°	Total Comp.	Injection & Withdrawal New Wells	Injection & Withdrawal Conversions	Service Wells New Wells	Service Wells Conversions
Champaign	-	2	2	-	-	-
Gallatin	-	3	-	3	-	-
Kankakee	-	1	-	-	-	1
	-	6	2	3	-	1

° Issued by Department of Mines and Minerals, Springfield, Illinois, January 27, 1977, through February 24, 1977.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

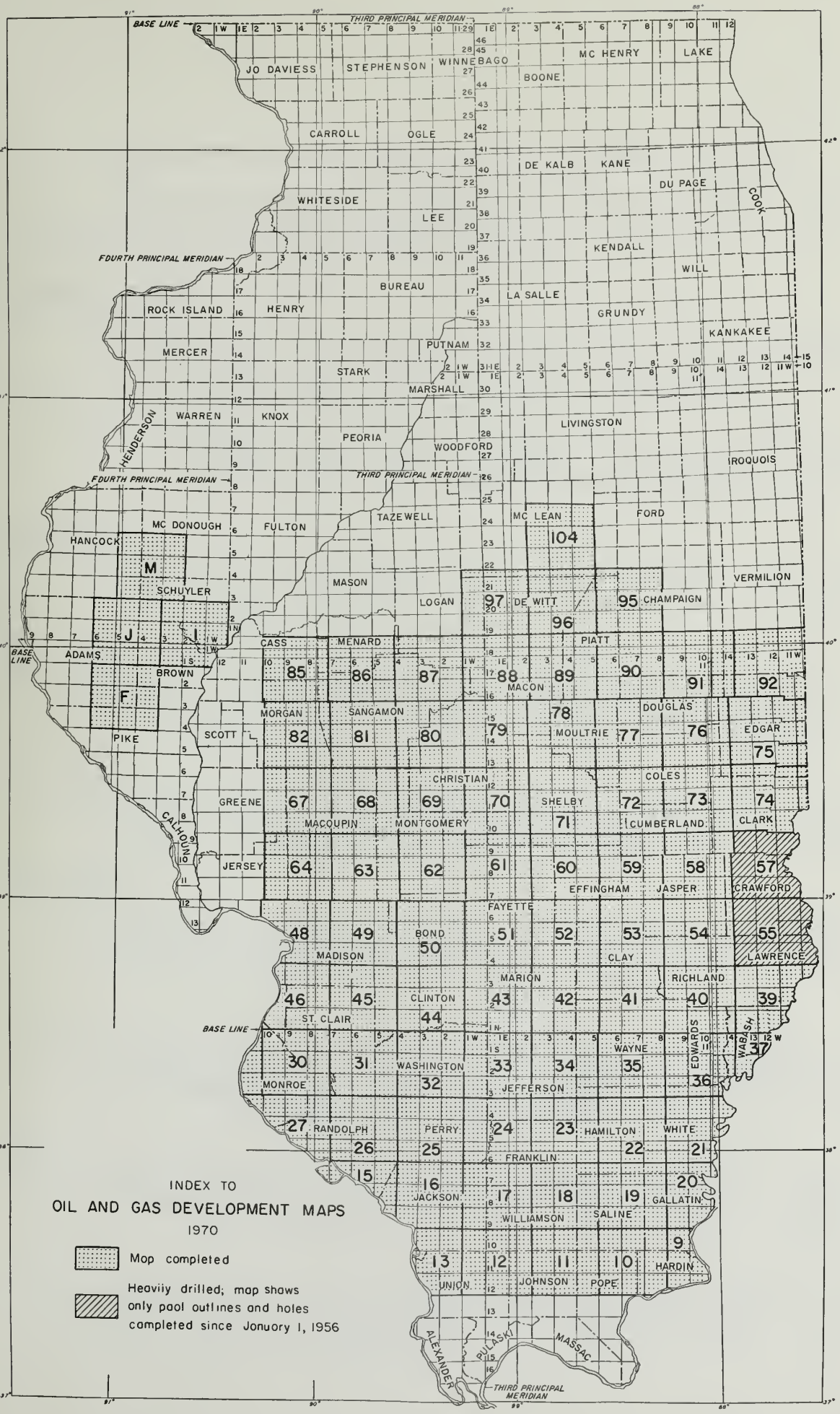
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of a map of the Allendale area, have been brought up to date as of January 1, 1977. Blue-line prints are available at $1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977 and may be obtained for $1.00 plus 5 percent tax for Illinois residents.


INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970
Map completed
Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956
BASE LINE
THIRD PRINCIPAL MERIDIAN
FOURTH PRINCIPAL MERIDIAN
JO DAVIESS
STEPHENSON
WINNEBAGO
MC HENRY
LAKE
BOONE
CARROLL
OGLE
DE KALB
KANE
DU PAGE
COOK
WHITESIDE
LEE
KENDALL
WILL
BUREAU
LA SALLE
ROCK ISLAND
HENRY
GRUNDY
KANKAKEE
MERCER
PUTNAM
STARK
MARSHALL
HENDERSON
WARREN
KNOX
PEORIA
WOODFORD
LIVINGSTON
IROQUOIS
HANCOCK
MC DONOUGH
FULTON
TAZEWELL
MC LEAN
FORD
SCHUYLER
MASON
LOGAN
DE WITT
CHAMPAIGN
VERMILION
ADAMS
BROWN
CASS
MENARD
PIATT
MACON
MORGAN
SANGAMON
DOUGLAS
PIKE
SCOTT
MOULTRIE
EDGAR
CHRISTIAN
COLES
GREENE
SHELBY
CUMBERLAND
CLARK
MACOUPIN
MONTGOMERY
CALHOUN
JERSEY
EFFINGHAM
JASPER
CRAWFORD
FAYETTE
BOND
MADISON
CLAY
LAWRENCE
MARION
RICHLAND
CLINTON
ST. CLAIR
EDWARDS
WABASH
WAYNE
WASHINGTON
MONROE
JEFFERSON
RANDOLPH
PERRY
HAMILTON
WHITE
FRANKLIN
JACKSON
GALLATIN
WILLIAMSON
SALINE
UNION
JOHNSON
POPE
HARDIN
ALEXANDER
PULASKI
MASSAC
THIRD PRINCIPAL MERIDIAN

WELLS COMPLETED FROM JANUARY 29, 1977 TO FEBRUARY 25, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WF) is more than 1½ miles from production.

CHAMPAIGN COUNTY

21N, 7E

22, 67'SL, 175'EL, SW. Peoples Gas Light & Coke Co. #1 A. D. Springer. Spd. 5-11-76. Comp. 6-8-76. TD 4306'. Gas injection-withdrawal. Mt. Simon, top 4036'. Manlove Gas Storage Field.

22, 77'SL, 180'EL, NW. Peoples Gas Light & Coke Co. #4 G. Wisegarver. Spd. 4-11-76. Comp. 5-9-76. TD 4285'. Gas injection-withdrawal. Mt. Simon, top 3994'. Manlove Gas Storage Field.

CLARK COUNTY

10N, 13W

Irr. 31, 330'NL, 660'EL, SW NE. M. C. Milam #1 Washburn. Spd. 1-3-77. Comp. 1-10-77. TD 1000'. D&A. Formation and top not available. Martinsville.

11N, 14W

4, NE NE NW. Jack H. Mankin #3 Belva Turner. OWWO. Was Earnest Zink #1 Belva Turner. Was D&A. OTD 560'. Comp. 1-26-57. Recomp. 1-20-77. COTD 225'. Junked hole. Westfield.

12N, 14W

32, SE SW SE. John H. Ryan #4 Endsley. Spd. 4-16-76. Comp. 2-8-77. TD 376'. IP 3 BOP/9 BW. Westfield, top 320', acid. Westfield.

CLAY COUNTY

2N, 8E

17, SE SW NW. Partlow and Cochonour #4 E. Henderson. Spd. 9-22-76. Comp. 2-1-77. TD 3630'. IP 70 BOP. Salem, top 3568'. Clay City Consol.

3N, 7E

4, SE SW SE. Hagen Oil Co. #1 Armstrong. Spd. 11-15-76. Comp. 2-15-77. TD 3075'. Producer, IP not available. Cypress, top 2588'; Aux Vases, top 2871'; McClosky, top 2946'; St. Louis, top 3006', mca. Sailor Springs Consol.

4N, 5E

3, 330'SL, 430'EL, NE. Joe A. Dull #1 Sanders. Spd. 6-9-76. Comp. 2-8-77. TD 2631'. IP 10 BOP/15 BW. Spar Mountain, top 2551', acid. Iola South.

4N, 7E

13, 330'NL, 430'EL, SE NW. Robert E. Trimpe #7 Conley. Spd. 7-3-76. Comp. 2-1-77. TD 2606'. IP 5 BOP. Cypress, top 2596'; frac. Sailor Springs Consol.

CLAY COUNTY (continued)

4N, 7E

34, C S/2 SW SW. Shelby A. & Sylvia Britton #1 Leo Eastin. OWWO. Was Lowell & Leon Hagen. Was Aux Vases and Spar Mountain producer. OTD 2995'. Comp. 11-26-64. Plugged 3-25-75. Recomp. 2-15-77. COTD 2630'. IP 10 BOP/trace of water. Cypress, top 2614'. Sailor Springs Consol.

4N, 8E

11, NE NE SE. Shakespeare Oil Co., Inc. #B-1 Iffert, Passport Unit. Conversion. Was James L. Black #3 Veronica Iffert. Was McClosky producer. Comp. 1-20-77. COTD 3019'. Water input. McClosky, top 2998'. Passport.

CLINTON COUNTY

2N, 3W

11, SW NE NE. Elmer Oelze, Jr. #2 Deters. Spd. 10-18-76. Comp. 11-1-76. TD 1075'. D&A. Cypress, top 1026'. Carlyle.

3N, 4W

36, 333'SL, 333'EL, Sec. Harold G. K. Agne & Ottis N. Hostmeyer #1-A Ottis N. Hostmeyer. Spd. 9-3-74. Comp. 11-1-74. TD 2208'. IP 10 BOP/15 BW. Devonian, top 2204', acid. Frogtown North.

CRAWFORD COUNTY

6N, 12W

31, NW NW SE. Jack J. Grynberg #1 Lester Highsmith. OWWO. OWDD. Was Skiles Oil Corp. #P-1 Highsmith. Was Pennsylvanian producer. OTD 960'. Comp. 5-22-51. Plugged 7-27-59. Recomp. 2-15-77. DTD 3425'. Temp. abd. Silurian, top 3367'. Main Consol.

7N, 12W

21, 339'NL, 440'EL, SE SW. Scates Exploration Co. #1 Eugene V. Dabney. Spd. 11-8-76. Comp. 11-16-76. TD 3050'. D&A. Devonian, 2900' (approx.). Main Consol.

7N, 13W

21, 386'SL, 615'WL, SE NE. Marathon Oil Co. MM-5 Francis Wood. Spd. 9-9-74. Comp. 9-17-74. TD 1017'. Water input. Robinson, top 980'. Main Consol.

21, 70'SL, 950'EL, NE. Marathon Oil Co. MM-6 Francis Wood. Spd. 5-14-74. Comp. 5-24-74. TD 1030'. Water input. Robinson, top 979' (GL datum). Main Consol.

DOUGLAS COUNTY

15N, 7E

26, SE SE NE. Joyce Botts #3 Kamm. Conversion. Was temp. abd. dry hole. OTD 1738'. Comp. 3-31-76. Recomp. 1-15-77 (est.). TD 604'. SWD. Pennsylvanian, top 576'. Bourbon South. (Was erroneously run as D&A in April 1976 Drilling Report.)

FAYETTE COUNTY

9N, 2E

36, SE SW NE. Franklin Oil Co., Inc. #1 C. Wehrle. Spd. 12-20-76. Comp. 1-6-77. TD 3312'. D&A. Geneva, top 3306'. WF.

9N, 3E

35, 330'SL, 380'EL, NE SE. Texill Energy Corp. #1 Mary Baker. Spd. 10-16-76. Comp. 12-1-76. TD 1662'. IP 20 BOP/10 BW. Bethel, top 1595', frac. Louden.

35, SW NE SE. Texill Energy Corp. #3 Mary Baker. Spd. 9-5-76. Comp. 10-10-76. TD 1656'. IP 30 BOP/5 BW. Bethel, top 1602', frac. Louden.

35, NE NE SE. Texill Energy Corp. #4 Mary Baker. Spd. 11-1-76. Comp. 12-1-76. TD 1653'. IP 10 BOP/10 BW. Bethel, top 1605', frac. Louden.

GALLATIN COUNTY

7S, 9E

28, SE NE SW. Egyptian Gas Storage Corp. #2 Mills. Conversion. Was N & W Drilling Co. #2 Mills. Was Tar Springs gas well. OTD 2306'. Comp. 6-27-50. Recomp. 2-27-75. COTD 2296'. Gas injection-withdrawal. Tar Springs, top 2280'. Herald Consol.

28, SE SE SW. Egyptian Gas Storage Corp. #1 Mills. Conversion. Was Mealy & Wolfe #1 L. M. Mills. Was Tar Springs gas well. OTD 2331'. Comp. 10-14-47. Recomp. 2-2-75. COTD 2331'. Gas injection-withdrawal. Tar Springs, top 2289'. Herald Consol.

8S, 8E

3, SW NW SE. Egyptian Gas Storage Corp. #1 Edwards Comm. Conversion. Was Coy Oil Co. #1 Edwards Comm. Was D&A. OTD 2959'. OWWO by Mt. Carmel Drilling Co. for Palestine gas well. Comp. 10-8-53. Recomp. 2-27-75. COTD 1900'. Gas injection-withdrawal. Palestine, top 1825'. Omaha.

HAMILTON COUNTY

6S, 5E

23, NW SE SE. L & M Oil Co. #1 Max Warren. Spd. 5-16-76. Comp. 1-77. TD 3183'. IP 30 BOP. Ohara, top 3176', acid. Dale Consol.

KANKAKEE COUNTY

30N, 10E

Irr. 33, 60'SL, 50'WL, NE SW. Natural Gas Pipeline Co. of America M-1 Storage. OWDD. Conversion. Was Mt. Simon gas injection-withdrawal. OTD 2612'. Comp. 6-29-65. Recomp. 1-16-75. DTD 2774'. SWD. Mt. Simon, top 2611'. Herscher Gas Storage Field.

LAWRENCE COUNTY

3N, 11W

33, SW SE SW. Walter R. McClure #1 A. McClure. Spd. 12-7-76. Comp. 1-25-77. TD 1919'. IP 8 BOP. Spar Mountain, top 1849', mca and frac. Lawrence.

3N, 13W

14, NE NW NE. Reinhold Oil Producers 4-A Johnson Comm. Spd. 11-5-76. Comp. 11-20-76. TD 2670'. IP 70 BOP/50 BW. McClosky, top 2240', frac. Lawrence West. (This well was erroneously run as an Aux Vases and Ohara producer in the November 1976 Drilling Report.)

4N, 13W

25, NW NE NW. Schlensker Drlg. Corp. #1 Gene Lewis. Spd. 1-26-77. Comp. 2-3-77. TD 1940'. D&A. McClosky, top 1903' (approx.). Lawrence.

5N, 13W

35, C E/2 SE NE. Jerry E. Friend #1-A Nancy J. Updike. Spd. 9-28-76. Comp. 11-1-76. TD 2370'. IP 30 BOP/10 BW. Salem, top 2140', acid. Lawrence.

Irr. 36, 660'SL, 330'EL, SW NW. Schlensker Drlg. Corp. #1 R. A. Gotshalk et al. Spd. 4-13-76. Comp. 2-8-77. TD 1774'. Producer, IP not available. McClosky, top 1710', frac. Lawrence.

MACON COUNTY

16N, 1E

36, 400'SL, 330'EL, SW NE. W. A. Corley #1 Chesler R. and Allie R. Hill. Spd. 10-12-76. Comp. 10-76. TD 2201'. Producer, IP not available. Silurian, top 2176', frac. Harristown South.

MADISON COUNTY

6N, 6W

21, SE SW SE. Louis H. Kapp, Jr. #2A Repovsch. Abd. loc. Livingston South.

MARION COUNTY

2N, 2E

29, 974'SL, 270'EL, SW NE. Texaco, Inc. #18 J. R. Young, O/A Salem Unit, Tract 58. Conversion. Was Magnolia Petroleum Co. #18 J. R. Young. Was Devonian producer, deepened to Trenton producer, temp. abd. 4-20-59. OTD 4625'. Comp. 1-30-40. Recomp. 1-22-77. COTD 3430'. Water input. Devonian, top 3368'. Salem Consol.

3N, 3E

Irr. 30, 990'SL, 330'WL, SE NE. Kenneth E. Beeman #2 Donoho. Abd. loc. Brubaker.

32, SW SW SW. Richard W. Beeson #1-I Raymond Sanders. OWWO-OWDD-Conversion. Was Amoco Production Co. #1 Raymond Sanders. Was D&A. OTD 3942'. Comp. 5-11-73. Recomp. 2-17-75. TD 4001'. Water input. Devonian, top 3905'. Brubaker.

MONROE COUNTY

1S, 10W

35, SW SE SW. John W. Kelly #1 Theobald. Spd. 10-27-76. Comp. 1-24-77. TD 433'. IP 50 BOP/2 BW. Trenton, top 344', acid. Waterloo.

RICHLAND COUNTY

2N, 9E

12, SW NE NE. Kenneth R. Freed #1 Newton. OWWO. Was Pure Oil Co. & J. J. Lynn #1 George Claycomb. Was plugged Spar Mountain and McClosky producer. OTD 3180'. Comp. 10-1-46. Recomp. 2-1-77. COTD 3180'. D&A. McClosky, top 3121'. Calhoun Consol.

2N, 10E

Irr. 7, 330'NL, 330'WL, NE SW. Donald E. Schmitt #1 C. Weaver Estate. Spd. 2-4-77. Comp. 2-14-77. TD 3857'. D&A. Salem, top 3466'. Calhoun Consol.

27, SW SW SE. Juniper Petroleum Corp. #58-27 Knakmuhs. Spd. 1-24-77. Comp. 2-4-77. TD 4096'. D&A. Ullin, top 3980' (approx.). WN - Parkersburg West.

3N, 10E

Irr. 18, 330'SL, 330'WL, SE. Robert B. Britton #1 W. Hinkle. Abd. loc. Olney South.

SALINE COUNTY

7S, 6E

36, SW NE NE. Ill. Mid-Continent & Dee Drilling #1 Lloyd B. Moore. OWWO. Conv. Was Ill. Mid-Cont. & Dee Drlg. Co. #1 L. B. Moore. Was plugged Spar Mountain producer. Comp. 7-3-74. Recomp. 10-31-75. COTD 2645'. Water input. Cypress, top 2625'. Raleigh.

SANGAMON COUNTY

15N, 3W

5, 580'NL, 330'WL, SW SW. Eugene Bell #1 W. E. Bell. Spd. 11-20-76. Comp. 2-14-77. TD 1675'. IP 9 BOP. Hibbard, top 1652' (approx.)., frac. Roby West.

WABASH COUNTY

1N, 14W

36, SW NE NE. Hocking Oil Co., Inc. #1 Reeves et al. Comm. Spd. 1-17-77. Comp. 2-4-77. TD 3660'. D&A. Salem, top 3313'. WN - Gards Point Consol.

1S, 12W

9, 330'SL, 418'WL, SE NE. Southern Triangle Oil Co. #D-2 Jacob Zimmerman. Spd. 6-28-76. Comp. 12-21-76. TD 4165'. IP 5 BOP/15 BW. Salem, top 2720'. Mt. Carmel. (This well was erroneously run in the December 1976 Drilling Report as a Devonian producer and new pay in the field.)

WABASH COUNTY (continued)

2S, 13W

Irr. 10, 130'SL, 1140'EL, SE. Amax Coal Co. #1 Amax SWD. Spd. 10-3-74. Comp. 10-22-74. TD 2175'. SWD. Tar Springs, top 2037'. Rochester.

27, 55'SL, 115'WL, NW NW. Amax Coal Co. #2 Amax SWD. Spd. 5-16-75. Comp. 6-6-75. TD 2196'. SWD. Tar Springs, top 2102'. Keensburg South.

Irr. 31, 360'SL, 330'WL, NE. Sigma Oil Co. #5 Winiford Gray. Spd. 10-27-76. Comp. 2-8-77. TD 2614'. IP 15 BOP/3 BW. Cypress, top 2457', frac. New Harmony Consol.

WAYNE COUNTY

1N, 7E

21, NW SE SE. Samuel L. Wood #1 Arthur Brach. OWDD. Was N. V. Duncan. Was Aux Vases and Ohara producer. OTD 3239'. Comp. 9-16-58. Recomp. 12-30-76. DTD 3892'. D&A. Warsaw, top 3881'. Clay City Consol.

1N, 8E

9, SE NE SE. Booth Oil Co., Inc. #1-A Taylor. Abd. loc. Clay City Consol.

16, SW SE NE. Republic Oil Co., Inc. #1 Hohlbaugh. Spd. 10-9-76. Comp. 11-15-76. TD 3756'. IP 25 BOP/10 BW. Salem, top 3608' (perfs.), acid. Clay City Consol.

1N, 9E

12, NW SE SE. Black & Black Oil Co. #2 Koenecke Heirs. Spd. 1-3-77. Comp. 2-11-77. TD 3740'. D&A. Salem, top 3635'. Maple Grove Consol.

22, NW SE SE. Energy Resources Corp. #1 L. G. Bennett. Spd. 4-6-76. Comp. 11-17-76. TD 3370'. IP 2 BOP/lots of water. Ohara, top 3308', acid; Spar Mountain, top 3321', acid. Maple Grove Consol.

1S, 5E

27, NE NE SW. Fletcher F. Farrar #1 C. E. Johnson. Spd. 12-22-76. Comp. 2-8-77. TD 3700'. IP 325 BOP. Salem, top 3614'. Keenville.

27, 430'SL, 330'WL, NW SW. Fletcher F. Farrar #2 Roy Reed. Spd. 1-6-77. Comp. 2-15-77. TD 3713'. IP 250 BOP/10 BW. Salem, top 3622'. Keenville.

1S, 6E

Irr. 4, 990'SL, 330'EL, NW. Van Fossan Associates #2 H. L. Harrell. Spd. 11-22-76. Comp. 1-5-77. TD 3921'. IP 192 BOF/0 BW. Salem, top 3616', acid. Johnsonville Consol.

WAYNE COUNTY (continued)

1S, 6E

Irr. 4, 1650'SL, 330'EL, NW. Van Fossan Assoc. #3 H. L. Harrell. Spd. 1-8-77. Comp. 1-22-77. TD 3890'. D&A. Ullin, top 3875' (approx.). Johnsonville Consol.

11, SW SW NW. Republic Oil Co., Inc. #1 Pennington. Spd. 10-13-76. Comp. 11-15-76 (est.). TD 3800'. IP 50 BOP/2 BW. St. Louis, top 3280', acid. Johnsonville South. NEW PAY IN FIELD.

11, NW NE SW. Booth Oil Co., Inc. #1 J. Taylor. Spd. 12-17-76. Comp. 2-9-77. TD 3812'. IP 108 BOP/0 BW. Spar Mountain, top 3156', acid. Johnsonville South.

13, NW SW NW. Van Fossan Associates #1 Mary Hilliard. Abd. loc. Johnsonville South.

23, NE SW NW. Robinson Production, Inc. #2 Fansler. Spd. 12-16-76. Comp. 2-10-77. TD 3800'. IP 30 BOP/10 BW. Spar Mountain, top 3142'; Salem, top 3733', acid. Johnsonville South.

23, NW NE SW. Fletcher F. Farrar #1 Delmar Trotter. Spd. 12-8-76. Comp. 1-15-77. TD 3795'. IP 35 BOP/some water. Salem, top 3576', acid. Johnsonville South.

26, NW NW NE. J & H Oil Co. #1 Claudie I. Ralston. Spd. 10-14-76. Comp. 1-6-77. TD 3970'. IP 20 BOP/20 BW. Ohara, top 3148', acid; Salem, top 3672', acid. EXTENSION TO CLAY CITY CONSOL. FIELD.

1S, 7E

27, NE SW SW. Hobson Oil Co. #1 Harris-Sprague Comm. Spd. 12-31-76. Comp. 1-24-77. TD 4125'. D&A. Warsaw, top 4024'. Clay City Consol.

2S, 6E

32, NE SE SW. Comanche Oil Corp. #2 Parker. Spd. 12-22-76. Comp. 2-8-77. TD 4278'. IP 80 BOP/30 BW/8 hrs. Ullin, top 4232', acid. Mayberry.

2S, 7E

23, NW NE NW. Richard W. Beeson #1 N. Pearl McCall. Spd. 1-14-77. Comp. 2-1-77. TD 4245'. D&A. Ullin, top 4216'. WN - Aden Consol.

34, NW SE NW. Runyon Oil Exploration, Inc. #1 Lawrence and Lang Comm. Spd. 8-28-76. Comp. 12-20-76. TD 4276'. IP 20 BOP/20 BW. Ohara, top 3310', acid. Aden Consol.

2S, 9E

31, NE NE SW. Runyon Oil Exploration, Inc. #1 Cynthia Laws Comm. Spd. 9-30-76. Comp. 11-20-76 (est.). TD 3452'. IP 40 BOP/15 BW. Aux Vases, top 3301'; acid and frac.; Spar Mountain, top 3405', acid and frac. Goldengate Consol.

WHITE COUNTY

5S, 8E

9, SW NE NW. RK Petroleum Corp. #3 Triple AAA Ranch. Spd. 12-16-76. Comp. 2-15-77. TD 3413'. IP 75 BOP. Aux Vases, top 3350', frac. Enfield North.

5S, 10E

13, SE SW SW. Richard W. Beeson #1 Wilburn Duvall. Spd. 10-31-76. Comp. 12-30-76. TD 3077'. IP 10 BOP/2 BW. Spar Mountain, top 3072', acid. Maunie North Consol.

7S, 8E

17, 330'NL, 365'EL, NW. L & M Oil Co. #1 Othelo South et al. Spd. 9-15-76. Comp. 2-8-77. TD 3081'. IP 30 BOP/30 BW. Aux Vases, top 2943'; McClosky, top 3072', frac. Roland Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH FEBRUARY 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLARK COUNTY

26-10N-14W, 760'NL, 340'EL, NE. Frank A. Bridge #6 Poffinbarger. 500'. 12-16-76. Johnson North.

CLAY COUNTY

10-2N-7E, 330'SL, 330'EL, NW. Shelby A. Britton #2 Delaney. 2990'. 2-11-77. Clay City Consol.

10-2N-7E, 380'NL, 380'EL, NW. Shelby A. Britton #1 R. Delaney. 3115'. 2-9-77. Clay City Consol.

COLES COUNTY

27-13N-7E, NW NE NE. Har-Ken Oil Co. #W-3 W. H. Tracy, formerly Development Associates Inc. #1-B. 1922'. 2-7-77. (Water input, formerly a producer.) Mattoon North.

CRAWFORD COUNTY

6-5N-12W, 250'NL, 250'EL, NW NE NW. Riddle Oil Co. #19 A. W. Mann. 950'. 7-2-76. Main Consol.

10-5N-12W, 165'NL, 165'WL, NE SW NW. Ohio Oil Co. #3 A. L. Maxwell. 1043'. 10-31-75. Main Consol.

20-6N-12W, 220'NL, 220'WL, SW NW SW. Ohio Oil Co. #2 W. A. Eagleton. 982'. 10-21-75. Main Consol.

27-6N-12W, 177'NL, 653'WL, NW. Associated #3 E. Callahan. 977'. 6-15-76. Main Consol.

15-6N-13W, 120'NL, 630'WL, NW SW. Lee Oil Co. #7 Bassom. 952'. 7-9-75. Main Consol.

15-6N-13W, 400'SL, 200'WL, NE SW. Ohio Oil Co. #9 W. Mann. 938'. 9-24-75. Main Consol.

15-6N-13W, 900'SL, 220'WL, NE SW. Ohio Oil Co. #10 W. Mann. 965'. 9-6-75. Main Consol.

15-6N-13W, 675'NL, 210'WL, NW SE. Ohio Oil Co. #10 Wakefield Heirs. 951'. 10-6-75. Main Consol.

22-6N-13W, 200'NL, 190'WL, NE NE. Red Bank #10 Charles Martin. 968'. 9-23-75. Main Consol.

3-7N-13W, 660'NL, 100'EL, SE NE. Freehold #1 Evans. 960'. 6-9-76. Main Consol.

3-7N-13W, 330'NL, 330'EL, NE SW SE. Freehold #3 Cooley. 990'. 11-17-75. Main Consol.

3-7N-13W, 200'SL, 75'EL, SW NW SW. W. G. Kennedy Co. #10 Caroline Wilkin. 987'. 11-13-75. Main Consol.

3-7N-13W, 440'SL, 240'EL, NW SW. W. G. Kennedy Co. #12 Caroline Wilkin. 1001'. 11-7-75. Main Consol.

11-7N-13W, 200'SL, 200'EL, SE SW. Ohio Oil Co. #D-4 J. W. Darrough. 929'. 11-11-76. Main Consol.

11-7N-13W, 330'NL, 200'WL, SW SW SE. Ohio Oil Co. #6 T. C. Randolph. 955'. 6-20-75. Main Consol.

11-7N-13W, 330'NL, 0'WL, SE SW SE. Ohio Oil Co. #7 T. C. Randolph. 958'. 11-21-75. Main Consol.

CRAWFORD COUNTY (continued)

15-7N-13W, 220'NL, 200'EL, SW NE. Ohio Oil Co. #5 M. D. Eaton Acct. #2. 974'. 8-13-75. Main Consol.

17-7N-13W, 10'NL, 240'EL, SE SE NE. Ohio Oil Co. #3 Alva M. Wilkin. 995'. 10-13-75. Main Consol.

17-7N-13W, 100'NL, 660'WL, SE NE. Ohio Oil Co. #5 Alva M. Wilkin. 943'. 10-9-75. Main Consol.

19-7N-13W, 180'SL, 180'WL, SE NE NW. Associated Producers #1 S. E. Wilkin. 1034'. 1-5-76. Main Consol.

19-7N-13W, 180'SL, 180'WL, NE NE SW. Associated Producers #2 Sarah Wilkin. 1062'. 1-6-76. Main Consol.

19-7N-13W, 480'SL, 180'WL, SE NE NW. Associated Producers #3 Sarah Wilkin. 970'. 1-23-76. Main Consol.

30-7N-13W, 330'NL, 330'WL, NW SE NW. Mahutska #5 Reedy. 962'. 9-15-75. Main Consol.

30-7N-13W, 330'NL, 330'WL, SE SE NW. Mahutska #6 Reedy. 995'. 9-19-75. Main Consol.

30-7N-13W, 165'NL, 660'WL, SE NW. Mahutska #9 Reedy. 957'. 9-5-75. Main Consol.

EDWARDS COUNTY

8-1N-14W, NE NE SW. Bridger Basin Oil Corp. #1 William Schmidt. 3085'. 1-2-75. Parkersburg South.

LAWRENCE COUNTY

5-3N-12W, 660'SL, 683'EL, SW NE. Ohio Oil Co. #18 S. M. Eshelman. 1075'. 9-30-76. Lawrence.

WHITE COUNTY

3-7S-10E, NW NE NE. Sohio Petro. Co. #B-1 R. E. Pearce. 2158'. 1-31-77. Concord East Consol.

WILLIAMSON COUNTY

15-8S-3E, 850'SL, 450'EL, SE. C. E. Brehm Drlg. & Prod. #1 Mutual Oil & Gas. 2757'. 10-25-75. Johnston City East.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet.	99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet	101.	Underground Storage of Natural Gas in Illinois---1973 (1974).
Ill. Pet.	102.	Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
Ill. Pet.	104.	Underground Storage of Natural Gas (1975).
Ill. Pet.	105.	Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet.	106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet.	109.	Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet.	110.	Petroleum Industry in Illinois in 1975 (1976).
Cir. 458.		Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Cir. 470.		Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Cir. 482.		The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.		Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
EGN 62.		Energy Supply Problems for the 1970s and Beyond (May 1973).
		Selected List of Available Oil and Gas Publications (May 1, 1973).

ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned
Acid — Acid treatment
BOF — Barrels of oil flowing
BOP — Barrels of oil on pump
BW — Barrels of water
C — Center
Comp. — Completed
Consol. — Consolidated
COTD — Clean-out total depth
Csg. — Casing
D & A — Dry and abandoned
Dol. — Dolomite
DTD — Drilled deeper total depth
E/2 — East $\frac{1}{2}$
EL — From the east line
Est. — Estimated
Ext. — Extension(s)
Fm. — Formation
Fr. — Fractional
Frac. — Hydraulic fracture treatment
IP — Initial production
L — Line
Loc. — Location
Ls. — Limestone
N/2 — North $\frac{1}{2}$
Nat. — Natural, no treatment
NE — Northeast $\frac{1}{4}$
NL — From the north line
NW — Northwest $\frac{1}{4}$
OTD — Old total depth
OWDD — Old well drilled deeper
OWWO — Old well worked over
PB — Plugged back
PBTD — Plugged-back total depth
R — Range
S/2 — South $\frac{1}{2}$
SE — Southeast $\frac{1}{4}$
SG — Show of gas
Sh. — Shale
SIGW — Shut-in gas well
SL — From the south line
SO — Show of oil
Spd. — Spudded
Ss. — Sandstone
SSO — Slight show of oil
SW — Southwest $\frac{1}{4}$
Swb. — Swabbing
SWD — Salt water disposal well
T — Township
TD — Total depth
Temp. abd. — Temporarily abandoned
W/2 — West $\frac{1}{2}$
WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
WL — From the west line
WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)

S

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Urbana, Illinois 61801

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APR 26 1977

MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

No. 485 March 1977

c. 1

DISCOVERIES

New Fields

None

New Pay Zones in Fields

BRUBAKER. Marion County, 30-3N-3E, St. Louis at 2510'. Discovery well, Edward C. Koch #1 Soutier, oil well, IP not available.

MATTOON. Coles County, 2-11N-7E, Salem at 2230'. Discovery well, Harry J. Adams #O-1 Elmer Ganley, IP 11 BOP, 11 BW.

RINARD NORTH. Wayne County, 33-2N-7E, Ohara at 3126'. Discovery well, Perry Fulk #3 Knapp (OWWO, was plugged McClosky producer), IP 4 BOP, 10 BW from Ohara and McClosky.

Extensions to Fields

TEUTOPOLIS. Effingham County, 35-9N-6E, Spar Mountain at 2420'. Discovery well, William F. Masters #1 Siemer, IP 30 BOP.

TABLE I

New Pools Discovered From April 1976 through March 1977

Pool: County	Twp.	Rng.
April 1976		
None		
May		
None		
June		
Hadley: Richland	4N	14W
Kell North: Marion	1N	3E
July		
None		
August		
Enfield North: White County	5S	8E
September		
None		
October		
None		
November		
Ferrin: Clinton County	2N	1W
Springerton South: White County	4S	8E
December		
None		
January 1977		
None		
February		
None		
March		
None		

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				Production in Thousands of Barrels
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,251
Apr.	46	0	3	42	7	20	10	6	78	2,261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2,222
Dec.	90	0	5	80	15	57	15	9	161	2,238
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,272
1977										
Jan.	84(1)	0	0	37	4(1)	16	2	3	58	1,730
Feb.	32	0	1	33	0	8	3	1	45	1,910
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,100

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through December 1976 are from reports received directly from crude gathering companies. The figures for January, February, and March 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, March 1977

County	Permits to Drill[o]	Total Comp.	Production Tests: New Holes: Prod.	Production Tests: New Holes: D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions: Were Prod.	Service Wells: Conversions: Others	Structure Tests
Adams	-	1	-	1	-	-	-	-	-
Bond	1	2	2	-	-	-	-	-	-
Clark	7	3	1	2	-	-	-	-	-
Clay	3	3	3	-	-	-	-	-	-
Clinton	-	1	-	1	-	-	-	-	-
Coles	3	5	4*	1	-	-	-	-	-
Crawford	16	8	5	3	-	-	-	-	-
Cumberland	1	-	-	-	-	-	-	-	-
DeKalb	2	-	-	-	-	-	-	-	-
Douglas	1	-	-	-	-	-	-	-	-
Edwards	1	1	-	1	-	-	-	-	-
Effingham	5	1	1	-	-	-	-	-	-
Fayette	2	2	2	-	-	-	-	-	-
Franklin	3	2	-	2	-	-	-	-	-
Gallatin	3	1	-	1	-	-	-	-	-
Hamilton	-	1	-	-	-	-	1	-	-
Jasper	2	-	-	-	-	-	-	-	-
Jefferson	3	2	1	1	-	-	-	-	-
Johnson	4	1	-	1	-	-	-	-	-
Lawrence	-	15	3	-	1	11	-	-	-
Macon	1	-	-	-	-	-	-	-	-
Madison	-	1	-	1	-	-	-	-	-
Marion	1	3	1	-	-	-	2	-	-
Monroe	7	1	-	-	-	1	-	-	-
Perry	1	-	-	-	-	-	-	-	-
Richland	-	6	1	2	2	-	1	-	-
Saline	3	1	1	-	-	-	-	-	
Wabash	1	6	3	1	1	-	1	-	-
Wayne	16	17	9	5	3	-	-	-	-
White	9	9	6	3	-	-	-	-	-
	96	93	43	26	7	12	5	-	-

* Includes 1 gas well.

[o] Issued by Department of Mines and Minerals, Springfield, Illinois, February 25, 1977, through March 31, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, March 1977

County	Permits to drill[o]	Total Comp	Injection & Withdrawal		Service Wells	
			New Wells	Conver-sions	New Wells	Conver-sions
Kankakee	-	2	2	-	-	-
McLean	4	-	-	-	-	-
	4	2	2	-	-	-

[o] Issued by Department of Mines and Minerals, Springfield, Illinois, February 25, 1977, through March 31, 1977.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

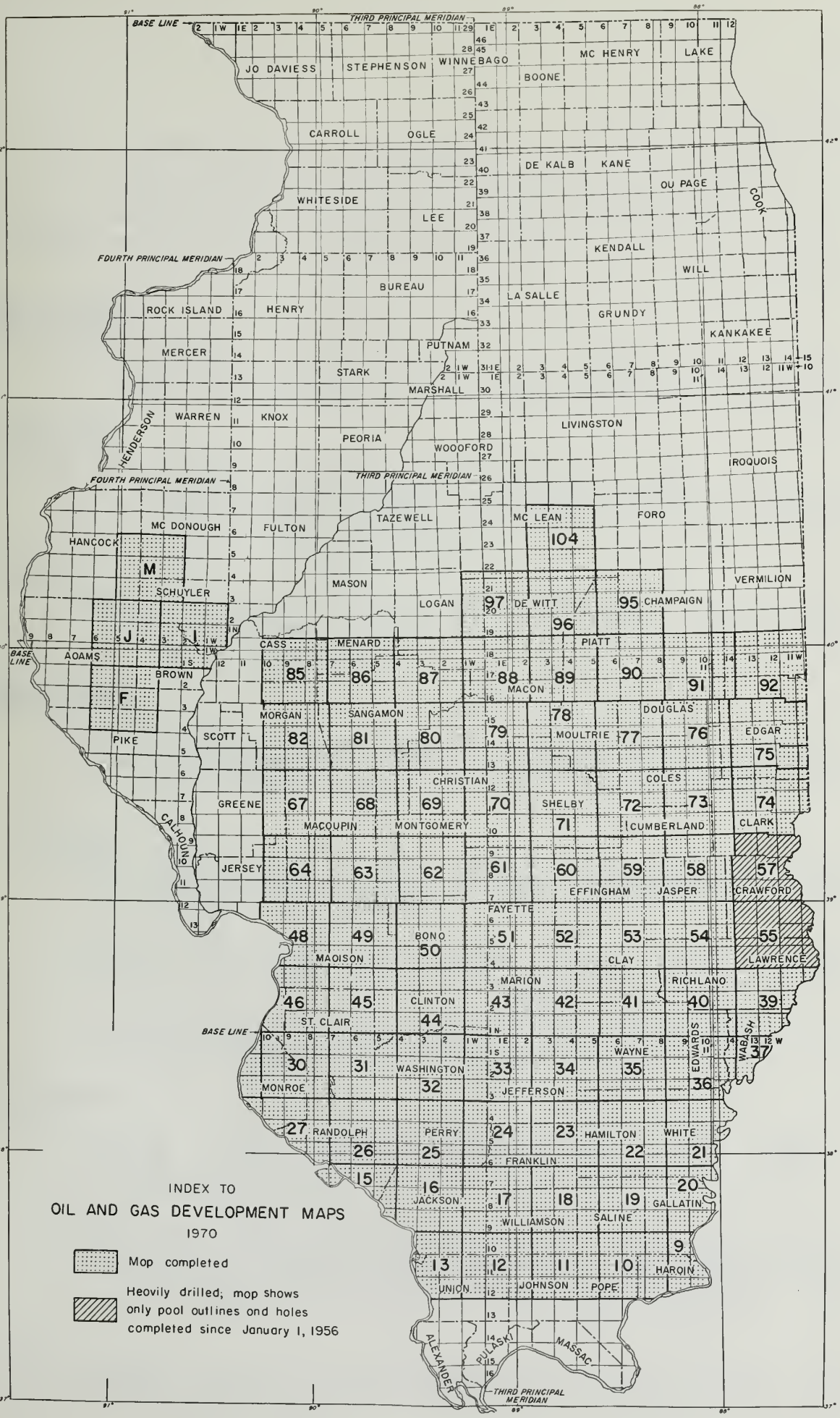
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All beech Creek (Barlow) structural maps, including the addition of a map of the Allendale area, have been brought up to date as of January 1, 1977. Blue-line prints are available at $1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for $1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.


INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970
Map completed
Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956
BASE LINE
THIRD PRINCIPAL MERIDIAN
FOURTH PRINCIPAL MERIDIAN
JO DAVIESS
STEPHENSON
WINNEBAGO
MC HENRY
LAKE
BOONE
CARROLL
OGLE
DE KALB
KANE
DU PAGE
COOK
WHITESIDE
LEE
KENDALL
WILL
BUREAU
LA SALLE
ROCK ISLAND
HENRY
GRUNDY
KANKAKEE
MERCER
PUTNAM
STARK
MARSHALL
WARREN
KNOX
HENDERSON
PEORIA
WOODFORD
LIVINGSTON
IROQUOIS
TAZEWELL
MC LEAN
FORD
MC DONOUGH
FULTON
HANCOCK
SCHUYLER
MASON
LOGAN
DE WITT
CHAMPAIGN
VERMILION
ADAMS
BROWN
CASS
MENARD
PIATT
MACON
MORGAN
SANGAMON
DOUGLAS
PIKE
SCOTT
MOULTRIE
EDGAR
CHRISTIAN
COLES
GREENE
SHELBY
CLARK
MACOUPIN
MONTGOMERY
CUMBERLAND
CALHOUN
JERSEY
EFFINGHAM
JASPER
CRAWFORD
FAYETTE
BOND
MADISON
CLAY
LAWRENCE
MARION
RICHLAND
CLINTON
ST. CLAIR
EDWARDS
WABASH
WAYNE
WASHINGTON
MONROE
JEFFERSON
RANDOLPH
PERRY
HAMILTON
WHITE
FRANKLIN
JACKSON
GALLATIN
WILLIAMSON
SALINE
HARDIN
UNION
JOHNSON
POPE
ALEXANDER
PULASKI
MASSAC

WELLS COMPLETED FROM FEBRUARY 26, 1977 TO APRIL 1, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WF) is more than 1½ miles from production.

ADAMS COUNTY

2S, 5W

1, SW SE SW. Claude McElvain #1 Raymond Fearneyhaugh. Spd. 11-20-76. Comp. 2-22-77. TD 895'. D&A. Trenton, top 842'. Kellerville.

BOND COUNTY

5N, 4W

22, 330'NL, 430'EL, SE NE. Arnold Wilson #5 K. J. Dillman. Spd. 11-15-76. Comp. 2-11-77. TD 549'. IP 2BOP/tr. of wtr. Pennsylvanian, top 540', frac. Old Ripley.

6N, 2W

9, 330'NL, 380'EL, SE SE. Goose Creek Oil #3-A Nilson. Spd. 10-9-71. Comp. 11-15-71 est. TD 3223'. Oil well, IP NA. Trenton, top 3196'. Woburn Consol.

CLARK COUNTY

9N, 14W

2, 330'NL, 430'EL, NE SW NE. Kenneth E. Beeman #1 Gard-Weaver. Spd. 4-7-75. Comp. 3-1-77. TD 347'. D&A-So. Pennsylvanian, top 344'. Johnson North.

11N, 14W

4, 380'NL, 360'WL, NE NW. Jack H. Mankin #1 Belva Turner. Spd. 11-24-76. Comp. 3-1-77. TD 310'. IP 3 BOP. Pennsylvanian, top 303', St. Louis Salem, top 306'. Westfield.

4, 380'NL, 940'WL, NE NW. Jack H. Mankin #3 Belva Turner. Spd. 12-15-76. Comp. 1-13-77. TD 225'. Junked hole. Westfield.

4, NE NE NW. Ernest Zink #1 Belva Turner. Was erroneously run in February 1977 Drlg. Report as having been reworked.

CLAY COUNTY

2N, 7E

14, SE NW SE. John M. Zanetis #C-1 Shelton. Spd. 12-13-76. Comp. 3-1-77. TD 3632'. IP 325 BOP. Aux Vases, top 2952', frac. Clay City Consol.

15, C S/2 NE NE. David F. Herley #1 Dale Frost. OWDD. Was James F. McCollum #1 D. Frost. Was D&A, OTD 3014'. Comp. 6-8-76. Recomp. 3-10-77. DTD 3693'. D&A. Salem, top 3430' (approx.). Clay Consol.

2N, 8E

9, SE SW NW. H.A.V.E. Oil Co. Inc. #1-A Henry. Spd. 3-3-76 est. Comp. 5-1-76 est. TD 3590'. IP 7 BOP/30 BW. Salem, top 3517', mca. Clay City Consol.

CLAY COUNTY (continued)

2N, 8E

17, C N/2 NW SW. Partlow & Cochonour #6 Laura Skelton. Spd. 12-4-76. Comp. 1-20-77. TD 3660'. IP 20 BOP/20 BW. Salem, top 3530', acid. Clay City Consol.

CLINTON COUNTY

1N, 2W

20, SE NE NW. Ego Oil Co., Inc. #1 Walter Monken. Spd. 7-12-76. Comp. 7-14-76. TD 1475'. D&A. Ste. Genevieve, top 1460' (approx.). WN-Posey East.

COLES COUNTY

11N, 7E

2, 330'SL, 430'WL, NW NW. Harry J. Adams #0-1 Elmer Ganley. Spd. 11-2-76. Comp. 3-13-77. TD 2250'. IP 11 BOP/11 BW. Salem, top 2230', mca. Mattoon. NEW PAY IN FIELD.

3, 990'SL, 890'EL, NE. Mattoon Energy Producers, Inc. #1 Gray Unit. Spd. 5-3-76. Comp. 7-22-76. TD 3263'. IP 500 MCF Gas/Day. Devonian, top 3148', acid. Mattoon.

12N, 7E

Irr. 2, 990'SL, 1650'EL, SE. James R. Covington #4C Oliver. Spd. 11-12-76. Comp. 12-12-76 est. TD 1792'. IP 80BOP/30 BW. Cypress, top 1728', frac. Mattoon.

Irr. 2, 1650'SL, 330'EL, SE. James R. Covington #3F Oliver. Spd. 10-22-76. Comp. 11-23-76. TD 1817'. IP 30BOP/60 BW. Cypress, top 1744', mca & frac. Mattoon.

13N, 10E

10, SE SW SW. Harry J. Adams #1 C. K. Centers. Spd. 11-22-76. Comp. 12-1-76. TD 515'. D&A. Pennsylvanian, top 465' (est.). WF

CRAWFORD COUNTY

5N, 12W

Irr. 2, 330'SL, 330'WL, NW SW. M. L. Rich #1 Paul McDade. Spd. 1-26-77. Comp. 2-8-77. TD 1546'. D&A. Ste. Genevieve, top 1523'. Main Consol.

Irr. 8, 530'SL, 330'EL, NE SE. M. L. Rich #1 Willard B. Butcher. Abd. loc. Main Consol.

5N, 13W

1, SE SW NW. Energy Resources of Ind., Inc. #9 Price-Valdez Comm. Spd. 12-13-76. Comp. 3-1-77. TD 1464'. IP 60 BOP. B. Pennsylvanian, top 1222'. Main Consol.

2, SW NE SE. Energy Resources of Ind., Inc. #4 Richart Heirs. Spd. 12-7-76. Comp. 3-22-77. TD 1375'. IP 60 BOP. Pennsylvanian, top 1264'. Main Consol.

2, 1680'NL, 1000'EL, SE. Energy Resources of Ind., #6 Richart Heirs. Spd. 1-24-77. Comp. 3-22-77. TD 1411'. IP 65 BOP. Pennsylvanian, top 1305'. Main Consol

CRAWFORD COUNTY (continued)

6N, 14W

Irr. 2, 330'SL, 330'EL, SW. Richard Czerwonka #1 Shroyer-Athey. Spd. 1-13-76. Comp. 3-15-77. TD 2736'. D&A. Salem-(approx.), top 2600'. WN Main Consol.

7N, 13W

14, NE SW SE. Jack J. Grynberg #1 C. Shutte. Spd. 4-17-76. Comp. 4-29-76. TD 3075'. D&A. Devonian, top 2836'. Main Consol.

15, NW SE NE. Henry H. Halley, Jr. M.D. #3 Marion D. Eaton. Abd.loc. Main Consol.

15, NE SE NE. Henry H. Halley, Jr. M.D. #4 Marion D. Eaton. Abd. loc. Main Consol.

20, 660'SL, 450'WL, NE SW. Marathon Oil Co. #A-1 Ethel McKee Unit. Spd. 12-9-76. Comp. 3-10-77. TD 4240'. IP 10 BOP/31 BW. Trenton, top 4042', frac. Main Consol.

8N, 12W

32, NW SE NW. Used Oilfield Equipment #2 Clarence L. Schutte. Spd. 12-15-75. Comp. 7-76. TD 1033'. IP 12 BO/200 BW. Robinson, top 998', frac. Main Consol.

EDWARDS COUNTY

3S, 10E

13, SE NW NE. Black and Black Oil Co. #1 L. McCarty. Spd. 3-8-77. Comp. 3-16-77. TD 3204'. D&A. Fredonia, top 3189'. WN-Phillipstown Consol.

EFFINGHAM COUNTY

9N, 6E

35, NW NW SE. William F. Masters #1 Siemer. Spd. 12-6-76. Comp. 3-22-77. TD 2426'. IP 30 BOP. Spar Mt., top 2420'. Teutopolis. EXTENSION TO FIELD.

FAYETTE COUNTY

8N, 3E

12, 637'SL, 681'EL, SW NE. N. A. Baldridge #3 B. Drees. Spd. 5-30-76. Comp. 7-2-76. TD 1535'. IP 3 BOP/17 BW. Cypress, top 1526', frac. Louden.

13, C SW SE. N. A. Baldridge #2 Hayden-Gregg. Spd. 6-20-76. Comp. 11-15-76. TD 1638'. IP 1 BOP/20 BW. Cypress, top 1542. Louden.

FRANKLIN COUNTY

5S, 3E

9, 330'NL, 400'WL, NE. Juniper Petroleum Corp. #51X-9 Jungbecker et al. Spd. 2-5-77. Comp. 2-13-77. TD 2869'. D&A. Aux Vases, top 2855' (approx.). Ewing.

7S, 4E

24, SE NE NW. C. E. Brehm Drlg. & Prod. #1 Eaton. Spd. 6-29-76. Comp. 7-6-76. TD 3249'. D&A. Ste. Genevieve (Karnak), top 3223'. Dale Consol.

GALLATIN COUNTY

7S, 9E

25, SE SE NW. Leo Angermeier, Jr. #1 Kenneth Edwards. Spd. 1-11-77. Comp. 2-22-77. TD 3099'. D&A. St. Louis, top 3088'. Herald Consol.

8S, 10E

32, 295'SL, 390'EL, NE NW. Paul Knight, #3-A George Golden. Abd. loc. Ab Lake.

HAMILTON COUNTY

6S, 6E

27, 682'NL, 664'WL, NE SE. Texaco, Inc. #9 Walpole St. Gen. Unit Tract 4. Conversion. Was Texaco #9 O. Irvin NCT-2. Was Spar Mtn. producer. Comp. 2-19-77. COTD 3275'. Water input. Spar Mtn, top 3172', McClosky, top 3214'. Walpole.

JEFFERSON COUNTY

1S, 2E

Irr. 19, 430'NL, 330'WL, NE. The Superior Oil Co. #22 C. H. Friedrich. Spd. 12-4-76. Comp. 3-1-77. TD 5163'. IP 10 BOP/ tr wtr. Trenton, top 5021', acid & frac. Boyd.

2S, 4E

11, SW SW NW. Charles T. Evans #3 Voyles. Spd. 3-18-76. Comp. 2-22-77. TD 2975'. D&A. McClosky, top 2947'. Oakdale.

JOHNSON COUNTY

13S, 3E

26, SW SE NE. Texas Pacific Oil Co., Inc. #1 Dorothy Farris. Spd. 12-15-76. Comp. 12-28-76. TD 2395'. D&A. Springville, top 2329'. WF.

KANKAKEE COUNTY

30N, 9E

Irr. 4, 1320'SL, 658'WL, NE. Natl. Gas Pipeline Co. of Am. #2 W. Schultz. Spd. 9-11-74. Comp. 10-30-74 est. TD 2495'. Gas injection-withdrawal. Mt. Simon, top 2231'. Herscher NW Gas Storage Field.

Irr. 4, 2640'SL, 657'WL, NE. Natl. Gas Pipeline Co. of Am. #3 W. Schultz. Spd. 8-23-74. Comp. 9-30-74. TD 2495'. Gas injection-withdrawal. Mt. Simon, top 2234'. Herscher NW Gas Storage in Field.

LAWRENCE COUNTY

3N, 12W

17, 575'SL, 660'EL, NW. Marathon Oil Co. #20 John Diver. Conversion. Was Bridgeport and Cypress water input well. Comp. 2-2-77. COTD 1364'. IP 6 BOP/54 BW. Buchanan, top 1282'. Lawrence.

3N, 13W

11, SW SW SE. Reinhold Oil Producers #4-B Sanders. Spd. 10-7-76. Comp. 3-22-77. TD 2325'. IP 15 BOP. Aux Vases, top 2184', frac. Lawrence West.

14, 1510'NL, 1139'EL, NE. Reinhold Oil Producers #1 Johnston-Staats-Mason Comm. SWD. Spd. 9-11-76. Comp. 10-15-76 est. TD 1540'. SWD. Pennsylvanian, top 1074'. Lawrence West.

LAWRENCE COUNTY (continued)
4N, 12W

19, 10'NL, 15'EL, SE SE. Marathon Oil Co. #SB-19 G. L. Miller. Spd. 10-27-76. Comp. 11-20-76 est. TD 987'. Water input. Bridgeport, top 804'. Lawrence.

20, NW SW SW. Marathon Oil Co. #52 C. L. Lewis. Spd. 11-11-76. Comp. 2-24-77. TD 1033'. IP 77 BOP/309 BW. Bridgeport, top 812',frac. Lawrence.

20, NE SW SW. Marathon Oil Co. #53 C. L. Lewis. Spd. 11-3-76. Comp. 2-1-77. TD 1031'. IP 18 BOP/345 BW. Bridgeport, top 882', frac. Lawrence.

20, 660'NL, 70'WL, SW SW. Marathon Oil Co. #SB-20 C. L. Lewis. Spd. 11-13-76. Comp. 12-13-76 est. TD 1032'. Water input. Bridgeport, top 822'. Lawrence.

20, C NW SW. Marathon Oil Co. #TB-18 / C. L. Lewis. Spd. 11-2-76. Comp. 12-2-76 est. TD 1010'. Water input. Bridgeport, top 812'. Lawrence.

20, 645'SL, 660'WL, SW. Marathon Oil Co. #TB-20 C. L. Lewis. Spd. 11-5-76. Comp. 12-5-76 est. TD 1035'. Water input. Bridgeport, top 815. Lawrence.

20, C SW NW. Marathon Oil Co. #TB-16 Mary A. Wood A/C 1. Spd. 10-7-76. Comp. 11-7-76 est. TD 1018'. Water input. Bridgeport, top 898'. Lawrence.

29, 743'NL, 650'WL, NW. Marathon Oil Co. #T-22 W. R. Crackle A/c 1. Spd. 11-18-76. Comp. 12-15-76. TD 998'. Water input. Bridgeport, top 806'. Lawrence.

29, 660'SL, 10'WL, SE NW. Marathon Oil Co. #UB-24 William Ross Heirs. Spd. 11-23-76. Comp. 12-20-76 est. TD 987'. Water input. Bridgeport, top 878'. Lawrence.

29, C SE NW. Marathon Oil Co. #VB-24 William Ross Heirs. Spd. 11-29-76. Comp. 12-20-76 est. TD 1038'. Water input. Bridgeport, top 834'. Lawrence.

30, C SE NE. Marathon Oil Co. #RB-24 W. R. Crackle A/C 1. Spd. 11-19-76. Comp. 12-29-76 est. TD 976'. Water input. Bridgeport, top 794'. Lawrence.

30, C NE NE. Marathon Oil Co. #RB-22 G. L. Miller. Spd. 11-16-76. Comp. 12-18-76 approx. TD 1016'. Water input. Bridgeport, top 822'. Lawrence.

MADISON COUNTY
6N, 6W

Irr. 19, 330'NL, 330'EL, SE. Carl Wilson #1 Ahrens. Spd. 1-5-77. Comp. 2-3-77. TD 555'. D&A. Pennsylvanian. Oil sand absent. Livingston.

MARION COUNTY

1N, 1E

3, 330'SL, 380'WL, NE SE. Texaco, Inc. #4 L. O. Meyer Unit, Tr. 3. Conversion. Was Cypress producer. Comp. 2-12-77. COTD 1666'. Water input. Cypress, top 1641'. Racoon Lake.

1N, 2E

Irr. 5, 355'NL, 330'WL, SE NW. Texaco, Inc. #13 J. O. Richardson, O/A Salem Unit, Tract 150. OWDD, Conv. Was McClosky producer converted to Aux Vases water input. OTD 2230'. Comp. 2-4-77. DTD 3480'. IP 135 BOP/80 BW. Salem, top 2156', Devonian, top 3388'. Salem Consol.

Irr. 5, 355'SL, 330'EL, NW NW. Texaco Inc. #17 Ed Tate O/A Salem Unit, Tract 148. Conversion. Was McClosky producer, deepened to Salem producer, converted to McClosky water input. OTD 2205'. Comp. 2-8-77. COTD 2205'. IP 31 BOP/133 BW. Salem, top 2116'. Salem Consol.

2N, 2E

29, 380'SL, 280'WL, SE NE. Texaco, Inc. #12 F. M. Lee "B" O/A Salem Unit, Tract 57. Conversion. Was Devonian producer, deepened to Trenton producer, converted to Aux Vases water input. Comp. 3-19-77. COTD 3442'. IP 44 BOP/602 BW. Devonian, top 3380'. Salem Consol.

32, 300'SL, 280'WL, NW. Texaco, Inc. #20 W. T. Richardson O/A Salem Unit, Tract 113. Conversion. Was Devonian producer deepened to Trenton producer. Comp. 3-28-77. COTD 1775'. Water input. Aux Vases, top 1730'. Salem Consol.

3N, 3E

Irr. 30, 330'NL, 390'EL, NW SE. Edward C. Koch #1 Soutier. Spd. 1-11-76. Comp. 3-22-77. TD 2648'. Small prod. IP N.A. St. Louis, top 2510'. Brubaker. NEW PAY IN FIELD.

MONROE COUNTY

1S, 10W

35, 46'SL, 629'EL, NE SW SW. John W. Kelly #5 Theobald. Spd. 2-16-77. Comp. 3-10-77 est. TD 427'. Water input. Trenton, top 360'. Waterloo.

RICHLAND COUNTY

2N, 14W

2, 390'SL, 330'EL, SE. C.E.R. Production Co. #1 B. L. Schick Comm. Spd. 11-3-76. Comp. 11-24-76. TD 3054'. D&A. McClosky, top 3039'. WF.

3N, 8E

Irr. 1, 330'SL, 330'WL, SW. Larry Hudson #1 A. Hasler. Spd. 2-17-77. Comp. 2-23-77. TD 3125'. D&A. Fredonia, top 3078'. Clay City Consol.

3N, 9E

4, 890'SL, 680'WL, SW. Union Oil Co. of Calif. #48 Colborn Cons.-John O. Coen. OWWO-Conv. Was dry hole, temp. abd. OTD 2998'. Comp. 11-30-54. Recomp. 2-24-77. COTD 2982'. IP 6 BOP/McClosky combination water input , Aux Vases, top 2852', producer, McClosky, top 2932'. Clay City Consol.

RICHLAND COUNTY (continued)

3N, 9E

8, 255'SL, 543'EL, SE. H.A.V.E. Oil Co. #1-A Means Comm. OWWO. Rinnert & Hamilton Drlg. Co. #1 Means Comm. Was abd Salem producer. OTD 3686'. Comp. 1-31-67. Recomp. 2-15-77 (approx.). COTD 3455'. IP 12 BOP/12 BW. Salem, top 3421'. Clay City Consol.

4N, 10E

17, 330'SL, 990'EL, NE NE. John M. Zanetis #3 Scherer. OWWO. Was John M. Zanetis #3 Scherer. Was D&A, OTD 3020'. Comp. 8-19-72. Recomp. 10-17-76. COTD 3036'. IP 10 BOP/5BW. McClosky, top 2972'. Olney Consol.

21, NW SW SW. Neil Brooks #A-1 O. B. Voight. Conv. Was D-T Drlg. Co. #1 Voigt "A". Was McClosky producer. Comp. 5-22-75. COTD 2750' (est.). SWD. Cypress, top 2670'. Olney Consol.

4N, 14W

26, NE SW SW. C.E.R. Production Co. #1 G. Ginder. Spd. 8-4-76. Comp. 3-8-77. TD 3021'. IP 15 BOP. Spar Mtn., top 2970', acid. Hadley.

SALINE COUNTY

8S, 5E

26, 735'SL, 330'WL, NE SW. Duke Resources Corp. #1 Galleher. Spd. 9-18-76. Comp. 2-7-77. TD 2765'. IP 15 BOP. Cypress, top 2618', frac. Harco East.

WABASH COUNTY

1N, 11W

Irr. 6, 330'SL, 330'WL, NW. Kenneth E. Musgrove #1 Banks Heirs. Spd. 7-1-75. Comp. 3-22-77. TD 1400'. Temp. abd. Biehl, top 1350'. Allendale.

1N, 12W

Irr. 30, 330'NL, 330'EL, SE. Jack E. Small #1 Norman Dunkel "B" Lease. Spd. 12-11-76. Comp. 3-22-76. TD 2050'. IP 18 BOP/2 BW. Biehl, top 1483', nat., Cypress, top 2036', frac. Allendale.

1S, 13W

Irr. 12, 400'SL, 400'EL, SW NE. Spartan Petrol Co. #1-SWD Hudgins-Hasse Unit. Conversion. Was Ohara producer. Comp. 3-28-77. COTD 2000'. Salt Water Disposal. Tar Springs, top 1904'. Mt. Carmel.

3S, 13W

Irr. 7, 1456'NL, 990'WL, NE. Gilbert A. Higgins #1-H Akin. Spd. 10-26-76. Comp. 2-22-77. TD 2795'. IP 55 BOP/20 BW. Tar Springs, Cypress, Aux Vases. New Harmony Consol.

Irr. 7, 1456'NL, 1650'WL, NE. Gilbert A. Higgins #2-H Akin. Spd. 11-2-76. Comp. 2-22-77. TD 2919'. IP 35 BOP/15 BW. Cypress, top 2501', Aux Vases, top 2773', frac. New Harmony Consol.

Irr. 7, 1456'NL, 2162'WL, NE. Gilbert A. Higgins #3-H Akin. OWWO. Was Acme Oil Investors #1-X Akin. Was D&A. OTD 2830'. Comp. 7-11-63. Recomp. 2-22-77. COTD 2848'. IP 25 BOP/25 BW. Cypress, top 2515', frac., Aux Vases, top 2783, frac. New Harmony Consol.

WASHINGTON COUNTY

3S, 5W

31, 890'NL, 330'WL, SW. Charles H. Stephens #1 Orr-Franklin Comm. OWDD. Was Silurian producer. OTD 2226'. Comp. 5-25-69. Recomp. 1-3-77. DTD 2325'. IP 38BOP/tr wtr. Silurian, top 2007'. Tilden North.

WAYNE COUNTY

1N, 7E

26, NW NW SE. Perry Fulk #2 Laird. OWWO. Was Calvert & Willis #1 Stinette et al. Was D&A. OTD 3236'. Comp. 6-15-48. Recomp. 12-11-76. COTD 3236'. IP 2 BOP/2 BW. McClosky, top 3149'. Clay City Consol.

35, NW SE SE. Perry Fulk #1 Haynes. OWWO. Was J. B. Murvin #1 Billington. WAS D&A. OTD 3280'. Comp. 7-28-69. Recomp. 12-10-76. COTD 3289'. IP 6 BOP/40 BW. McClosky, top 3168'. Clay City Consol.

2N, 7E

33, C N/2 NW SW. Perry Fulk #3 Knapp. OWWO. Was Gulf States Oil Invest. Co. #1 Arthur R. Knapp. Was plugged McClosky producer. OTD 3220'. Comp. 10-31-66. Recomp. 12-15-76. COTD 3210' est. IP 4 BOP/10BW. Ohara, top 3126', McClosky, top 3179. Rinard North. Ohara, NEW PAY IN FIELD.

1S, 5E

20, SE NW SE. Ernest Sherman #1 Altress Youngblood. Spd. 1-25-77. Comp. 2-10-77. TD 4001'. D&A. Warsaw, top 3875'. WN-Keenville.

27, 430'NL, 330'EL, SW SW. Louis A. Pessina #1 Katherina Goff. Spd. 1-21-77. Comp. 3-15-77. TD 3694'. IP 185 BOP. Salem, top 3616'. Keenville.

27, NE SE SW. Louis A. Pessina #2 Katherina Goff. Spd. 2-10-77. Comp. 3-15-77. TD 3690'. IP 325 BOP. Salem, top 3614', acid. Keenville.

27, 330'NL, 430'EL, SW SE. Louis A. Pessina #3 Katherina Goff. Spd. 2-22-77. Comp. 3-28-77. TD 3700'. IP 349 BOP. Salem, top 3614', acid. Keenville.

27, SW NW SE. Fletcher F. Farrar #1 Johnson-Keen Unit. Spd. 2-6-77. Comp. 3-1-77. TD 3700'. IP 300 BOP. Salem, top 3604'. Keenville.

27, SW NE SW . Fletcher F. Farrar #2 C. Johnson. Spd. 1-26-77. Comp. 3-1-77. TD 3698'. IP 350 BOP/Tr wtr. Salem, top 3602', acid. Keenville.

27, SW NE NE. Jerry E. Friend #1 Keen. Spd. 1-27-77. Comp. 2-9-77. TD 3862'. D&A. Warsaw, top 3776'. WN-Keenville.

1S, 6E

Irr. 1, 330'SL, 330'EL, SW SW. Hobson Oil Co. #1 Manahan et al. #1. Spd. 2-11-77. Comp. 3-8-77. TD 4066'. D&A. Warsaw, top 3960'. Johnsonville Consol.

WAYNE COUNTY (continued)

1S, 6E

20, C S/2 SE SE. John T. Mitchell #1 Belford. Spd. 3-17-77. Comp. 3-28-77. TD 3960'. D&A. Salem, top 3520' (approx.). Johnsonville Consol.

23, NE NE NW. Modern Explorations #1A Cecil Fansler. Spd. 3-13-76. Comp. 3-22-77. TD 3805'. IP 30 BOP/60 BW. Salem, top 3754', acid & frac. Johnsonville South.

23, SE SE NW. Modern Explorations #4-A Fansler. Spd. 1-4-77. Comp. 2-10-77. IP 125 BOP/10 BW. Salem, top 3760', acid. Johnsonville South.

23, 500'NL, 330'WL, SE. Modern Explorations #1 L. Robinson. Spd. 11-25-76. Comp. 1-25-77. TD 3832'. IP 40 BO/40 BW. Salem, top 3790', acid. Johnsonville South.

1S, 8E

14, NE SE NW. Great Am. Resources #1 Gillison. Spd. 7-20-74 est. Comp. 8-20-74. TD 3934'. Temp. abd. Salem, top 3750'. Clay City Consol.

14, NW SE NW. Great Am. Resources #2 Gillison. Spd. 7-1-74 est. Comp. 8-1-74 est. TD 3974'. Oil well, IP N.A.. Salem, top 3782', acid. Clay City Consol.

22, NW SE NW. Runyon Oil Exploration, Inc. #1 McGehee-Hardy #1. OWWO. Was Juniper Pet. #33-22 McGhee-Hardy. D&A. OTD 4088'. Comp. 7-22-76. Originally P. Fulk #1 E. E. McLin. D&A. OTD 3229'. Comp. 1-6-50. Recomp. 1-25-77. COTD 3860 (est.). Oil prod, IP N.A. Salem, top 3650', mca & frac. Clay City Consol.

WHITE COUNTY

4S, 8E

28, SE NE SW. Perry Fulk #2 W. L. Lewis. Spd 2-21-77. Comp. 2-26-77. TD 3496'. D&A. Spar Mtn., top 3474'. WN-Springerton South.

4S, 11E

Irr. 19, 440'SL, 990'WL, NW SW. Hertzing Production Service Corp. #10 Radford Johnson. Spd. 2-17-77. Comp. 3-8-77. TD 1390'. D&A. Pennsylvanian, top 1374'. Phillipstown Consol.

4S, 14W

Irr. 6, 330'NL, 330'WL, NE NE. Petro-Halogen Corp. #1 Hon Trust. Spd. 12-17-76. Comp. 3-22-77. TD 2938'. IP 23 BOP/5 BW. Tar Springs, top 2285', Aux Vases, top 2903', frac. Phillipstown Consol.

34, 2710'SL, 620'WL, Section. The Superior Oil Co. #25 H. E. Given. Spd. 2-6-77. Comp. 3-22-77. TD 2658'. IP 17 BOP/70 BW. Cypress, top 2564', mca. New Harmony Consol.

5S, 8E

9, 550'NL, 330'EL, SE NW. RK Petro. Corp. #1 Elva Fulford. Spd. 2-3-77. Comp. 3-15-77. TD 3352'. IP 77 BOP/5 BW. Aux Vases, top 3323', frac. Enfield North.

WHITE COUNTY (continued)

5S, 8E

9, NW NE NE. RK Petro. Corp. #1 Lawrence Ramsey. Spd. 1-6-77. Comp. 3-8-77. TD 3356'. IP 44 BOP. Aux Vases, top 3334', frac. Enfield North.

6S, 8E

23, 465'NL, 330'WL, SW NE. Richard W. Beeson #1 Elbert Edwards. Spd. 10-28-75. Comp. 3-22-77. TD 2575'. D&A. Hardinsburg, top 2560'. Roland Consol.

24, NW SW NE. Garden Drlg. Co. #3 Holmes. OWWO. Was McClosky producer. Comp. 3-1-77 est. COTD 3153'. IP 4 BOP/10 BW. Cypress, top 2734', McClosky, top 3096'. Roland Consol.

6S, 10E

24, C S/2 NW NW. Rhea Fletcher Trust #1 #2 Ackerman. Spd. 1-19-76. Comp. 8-30-76 est. TD 2864'. IP 1 BOP/5 BW. Tar Springs, top 2216', Aux Vases, top 2859', nat. Maunie South.

32, C NE NE. C. E. Brehm Drlg. & Prod. #1 C. E. Brehm. Spd. 10-30-76. Comp. 2-22-77. TD 5227'. IP 192 BOP. Ullin, top 3998. Concord Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH APRIL 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLAY COUNTY

15-3N-8E, SE SW SW. Snyder Drlg. & Well Service Co. #1 Goings. 3083'. 2-24-77. Clay City Consol.

3-5N-5E, 330'SL, 330'WL, NE. Thomas Kiernan #2 Norbut, formerly Black Gold Development Co. 2525'. 2-11-77. (Salt Water Disposal formerly a producer.) Iola Consol.

3-5N-5E, NE SW SE. C. R. Winn #1 Oboikovitz. 2467'. 2-18-77. Iola Consol.

CRAWFORD COUNTY

15-6N-13W, 510'SL, 685'WL, NW SW. Marathon Oil Co. #26 W. Mann. 1005'. 8-26-75. Main Consol

18-7N-12W, 220'SL, 330'WL, SW SE SE. Wiser Petroleum #9 H. J. Musgrave. 1042'. 7-13-76. (Skeleton Log). Main Consol.

3-7N-13W, 200'SL, 75'WL, SW NE SW. W. C. Kennedy Co. #4 Caroline Wilkin. 970'. 11-5-75. (Not identified with Geological Records.) Main Consol.

3-7N-13W, 200'SL, 300'EL, SW NW SW. W. C. Kennedy Co. #5 Caroline Wilkin. 985'. 11-10-75. (Not identified with Geological Records.) Main Consol.

3-7N-13W, 240'NL, 220'EL, NE NW SW. W. C. Kennedy Co. #7 Caroline Wilkin. 994'. 11-12-75. (Not identified with Geological Records.) MAin Consol.

18-7N-13W, 140'SL, 520'EL, SW SW. Ohio Oil Co. #2 Nance Hulse. 970'. 1-9-76. (Not identified with Geological Records.) Main Consol.

21-7N-13W, 220'NL, 220'WL, SE SW. Associated Producers #1 Viola Dees. 969'. 7-25-75. (Skeleton log.) Main Consol.

21-7N-13W, 160'SL, 20'WL, SW SE SW. Associated Producers #6 Viola Dees. 958'. 7-22-75. (Skeleton log.) Main Consol.

21-7N-13W, 400'NL, 130'EL, SW SE SW. Associated Producers #12 Viola Dees. 978'. 8-20-75. (Skeleton log.) Main Consol.

EFFINGHAM COUNTY

13-6N-6E, NE NE NW. Peter S. Smalley #1 Austin. 2810'. 2-9-77. Hill East.

GALLATIN COUNTY

6-8S-8E, SW SW NE. Shawnee Petro. Assoc., Inc. #1 Charles D. Mosley. 1867'. 2-21-77. Omaha

LAWRENCE COUNTY

20-2N-11W, 330'NL, 400'EL, NW SW. Illinois Oil Co. #5 (WI-1) Lyons. 1855'. 2-15-77. (Water input, formerly a producer.) St. Francisville.

20-2N-11W, NW NW SW. Illinois Oil Co. #6 Lyons. 1852'. 2-17-77. St. Francisville.

20-2N-11W, NW NE SW. Illinois Oil Co. #5 Potts. 1855'. 2-23-77. St. Francisville.

20-2N-11W, NW SW NE. C. C. Boyd #1 Wilson. 1861'. 3-4-77. St. Francisville.

20-2N-11W, 848'SL, 1211'WL, NE. Logan Oil Co. #1 Wilson "B". Formerly C. C. Boyd. 1873'. 3-2-77. (Water input, formerly a producer.) St. Francisville.

MARION COUNTY

3-1N-1E, 380'NL, 330'WL, NE SE. Texas Co. #3 L. O. Meyer Unit Tr. 3. 1622'. 3-14-77. (Water input, formerly a producer.) Raccoon Lake.

WHITE COUNTY

6-4S-8E, 271'SL, 301'EL, NW NW. R. C. Vavoust Co. #3 Rosa Dunn. Formerly Ben H. Nation. 3251'. 2-10-77. (Water input, formerly a producer.) Mill Shoals.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet.	99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet.	101.	Underground Storage of Natural Gas in Illinois---1973 (1974).
Ill. Pet.	102.	Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
Ill. Pet.	104.	Underground Storage of Natural Gas (1975).
Ill. Pet.	105.	Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet.	106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet.	109.	Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet.	110.	Petroleum Industry in Illinois in 1975 (1976).
Cir. 458.		Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Cir. 470.		Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Cir. 482.		The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.		Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
EGN 62.		Energy Supply Problems for the 1970s and Beyond (May 1973).
		Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned
Acid — Acid treatment
BOF — Barrels of oil flowing
BOP — Barrels of oil on pump
BW — Barrels of water
C — Center
Comp. — Completed
Consol. — Consolidated
COTD — Clean-out total depth
Csg. — Casing
D & A — Dry and abandoned
Dol. — Dolomite
DTD — Drilled deeper total depth
E/2 — East $\frac{1}{2}$
EL — From the east line
Est. — Estimated
Ext. — Extension(s)
Fm. — Formation
Fr. — Fractional
Frac. — Hydraulic fracture treatment
IP — Initial production
L — Line
Loc. — Location
Ls. — Limestone
N/2 — North $\frac{1}{2}$
Nat. — Natural, no treatment
NE — Northeast $\frac{1}{4}$
NL — From the north line
NW — Northwest $\frac{1}{4}$
OTD — Old total depth
OWDD — Old well drilled deeper
OWWO — Old well worked over
PB — Plugged back
PBTD — Plugged-back total depth
R — Range
S/2 — South $\frac{1}{2}$
SE — Southeast $\frac{1}{4}$
SG — Show of gas
Sh. — Shale
SIGW — Shut-in gas well
SL — From the south line
SO — Show of oil
Spd. — Spudded
Ss. — Sandstone
SSO — Slight show of oil
SW — Southwest $\frac{1}{4}$
Swb. — Swabbing
SWD — Salt water disposal well
T — Township
TD — Total depth
Temp. abd. — Temporarily abandoned
W/2 — West $\frac{1}{2}$
WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
WL — From the west line
WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)

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MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

No. 486 April 1977
c. 1

DISCOVERIES

New Fields

None

New Pay Zones in Fields

HERALD CONSOLIDATED. White County, 2-7S-9E, Ullin at 3949'. Discovery well, C. E. Brehm Drlg. & Prod. #1 Rupp, IP 25 BOP, 30 BW.

JOHNSONVILLE SOUTH. Wayne County, 23-1S-6E, Ohara at 3155'. Discovery well, Modern Explorations #1 Trotter, IP 200 BOP, 40 BW (IP includes production from Salem also).

MAYBERRY. Wayne County, 8-3S-6E, Salem at 3834'. Discovery well, Comanche Oil Corp. #1 V. Rawls Comm., IP 60 BOP, 14 BW (IP includes production from McClosky and Ullin also).

RURAL HILL NORTH. Hamilton County, 34-5S-5E, Ohara at 3319', St. Louis at 3438', Ullin at 4184'. Discovery well, Juniper Petroleum Corp. 47-34 Clark-Meneghin, IP 89 BOP, 64 BW.

WHITTINGTON. Franklin County, 30-5S-3E, Salem at 3290', Ullin at 3555'. Discovery well, H & W Oil Co. #1 Adams (OWWO, was D&A), IP 20 BOP.

Extensions to Fields

OMEGA. Marion County, 8-3N-4E, McClosky at 2435'. Discovery well, David F. Herley #1 Courson, IP 10 BOP.

Fields Consolidated

Phillipstown South field in White County has been incorporated into Phillipstown Consolidated field by consolidation.

TABLE I

New Pools Discovered from May 1976 through April 1977

Pool: County	Twp.	Rng.
May 1976		
None		
June		
Hadley: Richland	4N	14W
Kell North: Marion	1N	3E
July		
None		
August		
Enfield North: White County	5S	8E
September		
None		
October		
None		
November		
Ferrin: Clinton County	2N	1W
Springerton South: White County	4S	8E
December		
None		
January 1977		
None		
February		
None		
March		
None		
April		
None		

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				Production in Thousands of Barrels
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,251
Apr.	46	0	3	42	7	20	10	6	78	2,261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2,222
Dec.	90	0	5	80	15	57	15	9	161	2,238
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,272
1977										
Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	32	0	1	33	0	8	3	1	45	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,180
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,100

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through February 1977 are from reports received directly from crude gathering companies. The figures for March and April 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, April 1977

County	Permits to Drill°	Total Comp.	Production Tests: New Holes Prod.	Production Tests: New Holes D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions Were Prod.	Service Wells: Conversions Others	Structure Tests
Christian	12	1	-	1	-	-	-	-	-
Clark	5	6	4	2	-	-	-	-	-
Clay	14	3	2	-	-	-	1	-	-
Clinton	5	1	-	-	-	1	-	-	-
Coles	-	2	-	-	1	-	-	1	-
Crawford	21	10	10*	-	-	-	-	-	-
Cumberland	-	1	-	1	-	-	-	-	-
Douglas	-	1	-	-	1	-	-	-	-
Edgar	2	1	-	1	-	-	-	-	-
Edwards	1	1	-	1	-	-	-	-	-
Effingham	8	5	5	-	-	-	-	-	-
Fayette	3	-	-	-	-	-	-	-	-
Franklin	7	2	-	1	1	-	-	-	
Hamilton	4	2	1	1	-	-	-	-	-
Jefferson	2	1	-	1	-	-	-	-	-
Lawrence	4	10	5	1	-	-	3	1	-
Macon	1	1	-	1	-	-	-	-	-
Madison	-	1	-	1	-	-	-	-	-
Marion	3	2	1	1	-	-	-	-	-
Monroe	2	-	-	-	-	-	-	-	-
Montgomery	1	-	-	-	-	-	-	-	-
Pope	-	1	-	1	-	-	-	-	-
Richland	4	2	2	-	-	-	-	-	-
St. Clair	1	-	-	-	-	-	-	-	-
Saline	1	-	-	-	-	-	-	-	-
Sangamon	-	-	-	-	-	-	-	-	-
Schuyler	1	1	-	1	-	-	-	-	-
Wabash	4	1	-	1	-	-	-	-	-
Washington	1	2	-	2	-	-	-	-	-
Wayne	27	15	11	1	1	1	-	1	-
White	10	7	6	-	1	-	-	-	-
Williamson	1	-	-	-	-	-	-	-	-
	145	80	47	19	5	2	4	3	-

* Includes 1 gas well.

° Issued by Department of Mines and Minerals, Springfield, Illinois, April 1, 1977, through April 28, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, April 1977

County	Permits to drill[o]	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver-sions	New Wells	Conver-sions
McLean	1	-	-	-	-	-

One structure test in connection with natural gas storage was reported in Illinois in April.

[o] Issued by Department of Mines and Minerals, Springfield, Illinois, April 1, 1977, through April 28, 1977.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

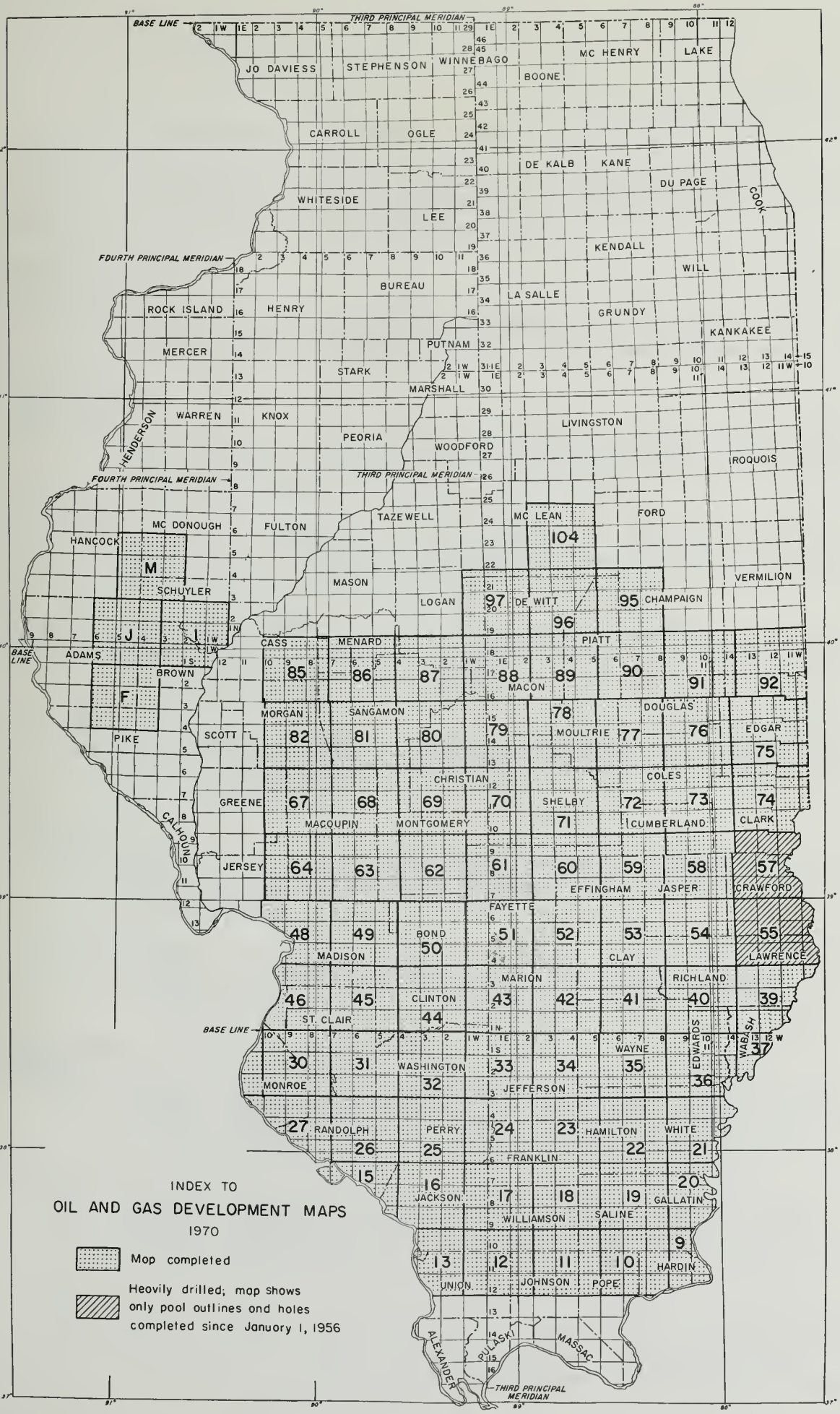
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at $1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for $1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.



INDEX TO

OIL AND GAS DEVELOPMENT MAPS

1970

Map completed

Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELL COMPLETIONS REPORTED FROM APRIL 2, 1977 TO APRIL 29, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WF) is more than 1½ miles from production.

CHRISTIAN COUNTY

11N, 1E

25, C S/2 NE SW. Frank's Petroleum Exploration #3 Wagner. Spd. 5-13-74. Comp. 4-5-77. TD 2896'. Temp. abd. Devonian, top 2866'. Pana South.

CLARK COUNTY

10N, 13W

30, 600'NL, 450'EL, SE NW. Fear and Duncan #1-T Auld. Spd. 11-1-76. Comp. 3-29-77. TD 2870'. IP 75 BOP. Trenton, top 2706', frac. Martinsville.

Irr. 31, 330'NL, 440'WL, NE. M. C. Milam #1 R. Tomasino. Spd. 12-7-76. Comp. 3-1-77. TD 2863'. IP 70 BOP. Trenton, top 2770', acid and frac. Martinsville.

Irr. 31, 330'NL, 660'WL, SE NW. M. C. Milam #2 Washburn. Spd. 1-14-77. Comp. 3-15-77. TD 2900'. IP 32 BOP/8 BW. Trenton, top 2732', mca and frac. Martinsville.

10N, 14W

25, 330'SL, 380'EL, NE NE. Southern Triangle Oil Co. #1 Catherine R. Slater. Spd. 2-21-77. Comp. 2-25-77. TD 1033'. Junked hole. Johnson North.

11N, 14W

4, 376'NL, 940'WL, NE NW. Jack Mankin #3-A Belva Turner. Spd. 3-16-77. Comp. 3-29-77. TD 405'. IP 3 BOP. Pennsylvanian, top 306', shot. Westfield.

4, SW SE NW. Jack H. Mankin #5 Belva Turner. Spd. 8-10-75. Comp. 3-29-77. TD 140'. D&A. Formation and top not available. Westfield.

CLAY COUNTY

2N, 8E

11, NW SE SW. James A. Gray #1 Brown. Spd. 9-4-76. Comp. 4-1-77. TD 3191'. IP 14 BOP/3 BW. Spar Mountain, top 3145', acid. Clay City Consol.

3N, 8E

16, SE SE NE. Karen S. Revelle #1 Hartley. Spd. 12-8-76. Comp. 3-15-77. TD 3606'. IP 80 BOP. Salem, top 3490', mca and acid. Clay City Consol.

5N, 6E

1, SW NE NE. Black & Black Oil Co. #1 Heitman Heirs. OWWO. Was Coy Oil Co. #2 H. W. Heitman et al. Was D&A. OTD 2906'. Comp. 1-5-54. Recomp. 4-14-77. COTD 456'. Junked hole. Sailor Springs Consol.

CLAY COUNTY (continued)

5N, 7E

4, NW SW SW. Texaco, Inc. #1 C. Nadler NCT-1, O/A North Bible Grove Unit, Tract 8. Conversion. Was Cypress producer. Comp. 4-25-77. COTD 2545'. Water input. Cypress, top 2484'. Sailor Springs Consol.

CLINTON COUNTY

1N, 4W

13, SW NE SE. N. A. Baldridge #5 Beckman. Spd. 12-7-73. Comp. 5-9-75. TD 965'. Water input. Cypress, top 961'. Bartelso West.

COLES COUNTY

12N, 7E

26, SW SE NW. Energy Producers, Inc. #1 Jeffries. OWWO-OWDD. Was Carter Oil Co. #4 Jeffries. Was D&A. OTD 1996'. Comp. 3-5-46. Recomp. 4-14-77. DTD 2188'. IP 25 BOP/25 BW. McClosky, top 1948, acid frac. Mattoon.

26, NW SE NW. Energy Producers, Inc. #1 Jeffries SWD. OWWO. Conversion. Was Carter Oil Co. #1 E. Jeffries. Was plugged Cypress and Spar Mountain producer. OTD 1983'. Comp. 11-27-45. Recomp. 3-27-77. COTD 1546'. SWD. Tar Springs, top 1430'. Mattoon.

CRAWFORD COUNTY

5N, 13W

1, SE NW NW. Energy Resources of Indiana, Inc. #13 Baldwin-Valdez Comm. Spd. 1-3-77. Comp. 3-29-77. TD 1295'. IP 15 BOP/lots of gas. Basal Pennsylvanian, top 1206', mca and frac. Main Consol.

1, 1020'SL, 330'EL, SW NW. Energy Resources of Ind., Inc. #10 Price-Valdez Comm. Spd. 12-22-76. Comp. 4-19-77. TD 1297'. IP 50 BOP. Basal Pennsylvanian, top 1214', frac. Main Consol.

1, 1040'SL, 330'WL, NW. Energy Resources of Ind., Inc. #8 Valdez. Spd. 12-17-76. Comp. 3-29-77. TD 1292'. IP 5 BOP/some gas. Basal Pennsylvanian, top 1200', frac. Main Consol.

1, 330'NL, 380'WL, NE SW. Energy Resources of Ind., Inc. #1-A Wiseman Heirs. Spd. 1-3-77. Comp. 3-29-77. TD 1326'. IP 30 BOP. Basal Pennsylvanian, top 1260', frac. Main Consol.

2, 380'SL, 330'EL, NE. Energy Resources of Ind., Inc. #1-A Coulter Heirs. Spd. 12-19-76. Comp. 4-5-77. TD 1321'. SIGW, IP not available. Basal Pennsylvanian, top 1217'. Main Consol.

11, NE NE NE. Russ Randall, Inc. #1 A. E. Shipman. Spd. 1-4-77. Comp. 4-5-77. TD 1450'. IP 50 BOP. Robinson (est.), top 926', frac. Main Consol.

6N, 13W

36, SW SW NW. Lamar Properties #1-A George Utley. Spd. 11-28-76. Comp. 3-29-77. TD 4056'. IP 40 BOP. Trenton, top 3889', acid and frac. Main Consol.

CRAWFORD COUNTY (continued)

8N, 12W

32, 410'NL, 330'WL, SE. David Jones Oil Producers #1 Marion Williamson. Spd. 12-13-76. Comp. 1-6-77. TD 1074'. IP 75 BOP/100 BW. Robinson, top 1014' (approx.), frac. Main Consol.

8N, 13W

35, SW NE SW. Billy R. Rector #2-A Ikemire Heirs. Spd. 9-23-76. Comp. 2-23-77. TD 1261'. Oil producer, IP not available. Pennsylvanian, top 940', frac. Main Consol.

8N, 14W

12, 950'SL, 800'WL, SW SW. Bellair Oil Co. #77 Melville Payn. Spd. 7-21-76. Comp. 3-1-77. TD 2450'. IP 2 BOP/trace of water. Cypress, top 928'; Benoist, top 987', frac. Bellair.

CUMBERLAND COUNTY

9N, 9E

27, SW SW NE. Citation Oil & Gas Corp. #1 Theo. Shull. Spd. 1-16-76. Comp. 4-19-77. TD 2735'. Temp. abd. McClosky, top 2700'. WN - Hidalgo North.

DOUGLAS COUNTY

15N, 7E

25, SW NE NW. Joyce Botts #1 Miller. OWWO. Was Elton Botts #1 Diener. Was D&A. OTD 1731'. Comp. 9-16-71. Recomp. 3-29-77. TD 1731'. Oil producer, IP not available. Spar Mountain, top 1695', frac. Bourbon South.

EDGAR COUNTY

13N, 13W

16, NW NW NE. Robison & Associates #1 Asa Baber. Spd. 3-29-77. Comp. 4-8-77. TD 485'. D&A. Dudley, top 435'. Dudley.

EDWARDS COUNTY

2S, 14W

29, 643'NL, 330'EL, NW SE SE. Elmer Laurent #3 Albert Walker. Spd. 12-1-75. Comp. 12-12-75. TD 3085'. D&A. Spar Mountain, top 3062'. Albion East. (Was erroneously run as a producer in June 1976 Drilling Report.)

3S, 10E

13, 850'NL, 330'WL, NW. Black & Black Oil Co. #2 L. McCarty. Spd. 3-21-77. Comp. 3-26-77. TD 1992'. D&A. Biehl, top 1985'. Albion Consol.

EFFINGHAM COUNTY

9N, 4E

31, SW SW NE. Tri-Star Producing Co., Inc. #1 Jenner. Spd. 12-10-76. Comp. 4-5-77. TD 3340'. IP 260 BOP. Sylamore (Devonian), top 3110'. Louden.

31, C N/2 SW NE. Tri-Star Producing Co., Inc. #2 Jenner. Spd. 3-10-77. Comp. 4-5-77. TD 3172'. IP 300 BOP. Sylamore (Devonian), top 3116'. Louden.

EFFINGHAM COUNTY (continued)

9N, 4E

31, SE NE SW. Tri-Star Producing Inc. #1 Maxfield. Spd. 10-25-76. Comp. 4-5-77. TD 3127'. IP 300 BOP. Sylamore (Devonian), top 3116'. Louden.

31, 522'SL, 375'WL, SW NE NE. W. T. Frederking #1 Perkins et al. Spd. 2-28-77. Comp. 4-5-77. TD 3132'. IP 147 BOP. Devonian, top 3100'. Louden.

31, SW SE NE. Tri-Star Producing Co., Inc. #1 Ryan. Spd. 12-28-76. Comp. 4-5-77. TD 3307'. IP 80 BOP. Sylamore (Devonian), top 3121', acid. Louden.

FAYETTE COUNTY

8N, 3E

3, SE NE NE. Exxon Corp. #1 Silas Buzzard. OWDD. Was Cypress producer. OTD 1533'. Comp. 6-24-41. Recomp. 3-17-77. DTD 1636'. IP 29 BOP/45 BW. Bethel, top 1552' (est.), frac.; Benoist, top 1595' (est.), frac. Louden.

10, 750'NL, 560'EL, NE SE. Exxon Corp. #9 Bob Fortner. OWWO. Was temp. abd. Was Carper producer. Comp. 2-22-77. COTD 1718'. IP 22 BOP/319 BW. Cypress, top 1502, frac.; Bethel, top 1585', frac. Louden.

FRANKLIN COUNTY

5S, 3E

Irr. 30, 330'NL, 700'EL, NW. H & W Oil Co., Inc. #1 Adams. OWWO. OWDD. Was H. O. Whittington. Was D&A. OTD 2964'. Comp. 9-23-59. Recomp. 2-21-77. DTD 3719'. IP 20 BOP. Salem, top 3290'; Ullin, top 3555', mca. Whittington. SALEM AND ULLIN NEW PAYS IN FIELD.

7S, 4E

22, 330'NL, 380'WL, NE. C. E. Brehm Drlg. & Prod. #1 Bozarth Comm. Spd. 10-4-76. Comp. 4-5-77. TD 3255'. D&A. Spar Mountain, top 3178'. Thompsonville North.

HAMILTON COUNTY

4S, 7E

2, NW SE NW. C. E. Brehm #1 Hamilton-Gray. Spd. 8-26-76. Comp. 4-5-77. TD 3440'. D&A. McClosky, top 3398'. WN - Bungay Consol.

27, SE NE SE. Petroleum Management, Inc. #6-3 E. D. York. OWDD. Was Ohio Oil #3 E. D. York. Was Aux Vases producer. OTD 3308'. Comp. 8-44. Recomp. 4-19-77. DTD 3468'. IP 36 BOP/324 BW. McClosky, top 3460' (approx.). Bungay Consol.

5S, 5E

34, NE SE SW. Juniper Petroleum Corp. #47-34 Clark-Meneghin. Spd. 12-12-76. Comp. 3-15-77. TD 4275'. IP 89 BOP/64 BW. Ohara, top 3319', acid; St. Louis, top 3438', acid; Ullin, top 4184', acid. Rural Hill North. OHARA, ST. LOUIS, AND ULLIN NEW PAYS IN FIELD.

JEFFERSON COUNTY

2S, 4E

11, SE NW NW. Charles T. Evans #2 Arthur O. Voyles. Spd. 2-16-76. Comp. 2-21-76. TD 2982'. D&A (SO). McClosky, top 2973'. Oakdale.

LAWRENCE COUNTY

3N, 11W

Irr. 19, 330'NL, 330'EL, SE NW. Moore Production Co. #1 Gee. Conversion. Was Ill. Midcontinent and Ashland O & R #1 A. Gee Heirs. Was Cypress producer converted to Tar Springs SWD. Comp. 12-29-76. COTD 1660'. Water input. Cypress, top 1630'. Lawrence.

Irr. 19, 330'SL, 990'EL, NW. Moore Production Co. #9 Gee. Conversion. Was Ill. Midcontinent and Ashland O & R #9 Gee Heirs. Was Cypress producer. Comp. 2-11-77. COTD 1670'. Water input. Cypress, top 1630'. Lawrence.

3N, 12W

16, C SE SW. Marathon Oil Co. #33 John Swail. Spd. 1-11-77./ Comp. 3-31-77 TD 1485'. IP 7 BOP/217 BW. Buchanan, top 1350', acid. Lawrence.

24, SW SW NE. Moore Production Co. #5 Gee. Conversion. Was Ill. Midcontinent and Ashland O & R #5 Gee. Was Cypress producer. Comp. 12-29-76. COTD 1692'. Water input. Cypress, top 1630'. Lawrence.

24, SW NW NE. Moore Production Co. #11 Gee. Conversion. Was Ill. Midcontinent and Ashland O & R #11 Gee Heirs. Was Cypress producer. Comp. 12-29-76. COTD 1692'. Water input. Cypress, top 1621'. Lawrence.

4N, 11W

11, 385'NL, 340'WL, SE. Energy Resources of Indiana #1 Gee Heirs. Abd. loc. Pinkstaff East.

4N, 12W

20, SW SW SW. Marathon Oil Co. #51 C. L. Lewis. Spd. 11-10-76. Comp. 2-18-77. TD 1018'. IP 1 BOP/386 BW. Bridgeport, top 806', frac. Lawrence.

28, SW SW SW. Schlensker Drilling Corp. #1 Verus Wright. Spd. 8-15-75. Comp. 4-5-77. TD 3575'. Oil producer, IP not available. Devonian, top 3210'. Lawrence.

4N, 13W

Irr. 1, 660'NL, 1320'WL, NW. Wayne Smith, Op., Inc. #033 A. C. Droll et al. Spd. 6-21-74. Comp. 8-20-74. TD 1701'. IP 15 BOP/10 BW. Jackson, top 1318', frac.; Cypress, top 1370', frac.; McClosky, top 1682', natural. Lawrence.

Irr. 12, 330'SL, 380'EL, NW NE. Triangle Oil Co. #1-A Hardacre, Account #1. Spd. 9-25-73. Comp. 4-19-77. TD 3195'. Temp. abd. Devonian, top 2982'. Lawrence.

LAWRENCE COUNTY (continued)

5N, 10W

30, NE NW SW. Carl White #1 Benson. Spd. 11-17-75. Comp. 4-19-77. TD 1670'. Small oil producer, IP not available. McClosky, top 1618'. Russellville.

MACON COUNTY

17N, 1E

25, 940'NL, 1650'EL, NE. Walter Bollenbacher Family Trust #1 Flach. Spd. 3-20-77. Comp. 3-25-77. TD 2100'. D&A. Silurian, top 1962'. WF.

MADISON COUNTY

3N, 5W

35, NE NE NW. Central Petroleum Co. #1 Wm. Schrage Jr. Comm. Spd. 2-21-77. Comp. 3-2-77. TD 2256'. D&A. Silurian, top 2090'. WF.

MARION COUNTY

1N, 2E

34, NW NE SE. Peter S. Smalley #1 Hester. Spd. 5-27-76. Comp. 6-2-76. TD 2440'. D&A. St. Louis, top 2312'. Salem Consol.

3N, 4E

8, SE NE NW. David F. Herley #1 Courson. Spd. 12-3-76. Comp. 3-1-77 (est.). TD 3150'. IP 10 BOP/0 BW. McClosky, top 2435', acid. EXTENSION TO OMEGA.

POPE COUNTY

11S, 6E

2, 1815'SL, 330'WL, SE. Texas Pacific Oil Co., Inc. #1 Mary L. Streich Comm. Spd. 4-29-76. Comp. 9-12-76. TD 14,920. D&A. Mt. Simon, top 14,770. WF.

RICHLAND COUNTY

3N, 9E

5, 1008'NL, 600'EL, NE. Tipps Casing Pulling Co. #4 M. Eberhardt. Abd. loc. Clay City Consol. (Was erroneously run as D&A in August 1975 Drilling Report.)

4N, 9E

12, NE SW SW. William R. Becker & Phyllis S. Becker #2 J. Klingler. Spd. 11-26-74. Comp. 4-5-77. TD 3011'. IP 20 BOP/trace of water. McClosky, top 2843', acid and frac. Clay City Consol.

4N, 14W

27, NE SE SE. C.E.R. Production Co. #1 A. Herman. Spd. 5-26-76. Comp. 7-4-76. TD 3024'. IP 12 BOP. Spar Mountain, top 2999', natural. Hadley.

SANGAMON COUNTY

15N, 3W

32, C S/2 SW SW. Triple G Oil Co., Ltd. #1 Green. Abd. loc. Edinburg West.

SCHUYLER COUNTY

1S, 2W

3, NE NE NE. De-Kane Oil Co. #1 Leverton. Spd. 4-5-77. Comp. 4-7-77. TD 660'. D&A. Hunton, top 580' (approx.). WF.

WABASH COUNTY

1N, 12W

5, 360'SL, 330'WL, NW NW. William C. Padgett #1 Shepard et al. Spd. 2-9-77. Comp. 2-28-77. TD 1632'. D&A. Biehl, top 1578'. Allendale.

1N, 13W

8, SW NW NW. Double "A" Oil Producers, Inc. #2 Jones. Abd. loc. Lancaster Central.

WASHINGTON COUNTY

3S, 1W

8, SE SW SW. G. K. Hood #1-A Tomaszewski. Spd. 11-26-76. Comp. 2-22-77. TD 1271'. D&A. Cypress, top 1220'. Dubois Consol.

3S, 4W

24, NW SW NE. Arminco Petroleum, Inc. #1 Carson. Spd. 4-17-76. Comp. 4-23-76. TD 2746'. D&A. Silurian, top 2250' (approx.). WF.

WAYNE COUNTY

1N, 7E

35, NE NE SW. Richard W. Beeson #2 Harold Barnard. OWWO. Was D&A. OTD 3210'. Comp. 10-9-76. Recomp. 4-5-77. TD 500'. D&A (lost hole). Clay City Consol.

1N, 9E

20, SW SW NW. Charles Keyser #1 G. Shannon. Spd. 12-19-76. Comp. 2-18-77. TD 3325'. Temp. abd. Aux Vases, top 3194'. WN - Clay City Consol.

2N, 9E

35, 350'NL, 330'WL, SE NE. Juniper Petroleum Corp. #73-35 Hornback. Spd. 12-11-76. Comp. 3-27-77. TD 4152'. IP 62 BOP/7 BW. Spar Mountain, top 3247', acid. Calhoun South.

1S, 5E

27, NE SE SE. Louis A. Pessina #4 Katherina Goff. Spd. 3-9-77. Comp. 4-12-77. TD 3703'. IP 300 BOP. Salem (est.), top 3608', acid. Keenville.

27, SW SE SW. Louis A. Pessina #5 Katherina Goff. Spd. 3-25-77. Comp. 4-16-77. TD 3700'. IP 175 BOP. Salem, top 3605', acid. Keenville.

27, SE NE SE. Charles T. Evans #1 Clarence Johnson. Spd. 2-24-77. Comp. 4-10-77. TD 3690'. IP 200 BOP. Salem, top 3595', acid. Keenville.

27, SW NE SE. Fletcher F. Farrar #2 Verl Keen. Spd. 3-7-77. Comp. 4-19-77. TD 3704'. IP 240 BOP. Salem, top 3603'. Keenville.

WAYNE COUNTY (continued)

1S, 5E

27, SW SW NE. Fletcher F. Farrar #1 George Reed. Spd. 2-14-77. Comp. 4-19-77. TD 3672'. IP 150 BOP/140 BW. Salem, top 3621', acid. Keenville.

1S, 6E

Irr. 4, 330'NL, 330'WL, NE. Van Fossan Assoc. #1 Weaver Comm. Abd. loc. Johnsonville Consol.

14, 430'NL, 330'EL, SW SW. Fletcher F. Farrar #1 SWD William White. Spd. 11-13-76. Comp. 12-15-76 (est.). TD 2900'. SWD. Cypress, top 2850'. Johnsonville South.

23, NW SW SE. Modern Explorations #1 Trotter. Spd. 1-22-77. Comp. 2-14-77. TD 3826'. IP 200 BOP/40 BW. Ohara, top 3155', acid; Salem, top 3795', acid. Johnsonville South. OHARA NEW PAY IN FIELD.

1S, 8E

22, 400'NL, 330'WL, NW. Juniper Petroleum Corp. #11X-22 Thomason. Spd. 11-14-76. Comp. 4-14-77. TD 3840'. IP 10 BOP/37 BW. St. Louis, top 3385', acid; Salem, top 3610', acid. Clay City Consol.

2S, 9E

13, C E/2 NW SW. Runyon Oil Exploration, Inc. #3 Emma Winters. Spd. 10-21-76. Comp. 3-21-77. TD 3408'. IP 30 BOP/10 BW. Spar Mountain, top 3316', acid; McClosky, top 3362', acid. Goldengate Consol.

13, NE SW SW. Runyon Oil Exploration, Inc. #4 Erma Winters. OWWO. Was Indiana Farm Bureau Corp. #4 Winters. Was D&A. OTD 3460'. Comp. 1-13-53. Recomp. 3-21-77. COTD 3434'. IP 20 BOP/5 BW. Aux Vases, top 3260', frac.; Ohara, top 3330', acid; Spar Mountain, top 3384', acid; McClosky, top 3420' (approx.), acid. Goldengate Consol.

14, NE NE SE. Runyon Oil Exploration, Inc. #2 Noah Duke. Spd. 10-11-76. Comp. 3-23-77. TD 3405'. IP 50 BOP/40 BW. Spar Mountain, top 3331', acid frac.; McClosky, top 3366', acid frac. Goldengate Consol.

14, SW NE SE. Runyon Oil Exploration, Inc. #3 Duke. OWWO. Conversion. Was Pioneer Oil Co. #1 Noah Duke. Was D&A. OTD 3414'. Comp. 6-10-58. Recomp. 3-19-77. COTD 2900' (approx.). SWD. Tar Springs, top 2724'; Hardinsburg, top 2848'. Goldengate Consol.

3S, 6E

8, SE NW NW. Comanche Oil Corp. #1 V. Rawls Comm. Spd. 2-18-77. Comp 4-10-77. TD 4296'. IP 60 BOP/14 BW. McClosky, top 3300', acid; Salem, top 3834', acid and frac.; Ullin, top 4174', acid. Mayberry. SALEM NEW PAY IN FIELD.

WHITE COUNTY

3S, 8E

21, NE NE NE. Black Hawk Resources Corp. #81-21 G. R. Locke. OWWO. OWDD. Was Hays-Schwab et al. #1 D. H. Vaughn. Was D&A. OTD 3589'. Comp. 1-27-42. Recomp. 2-25-77. DTD 4371'. D&A. Ullin, top 4205'. Barnhill.

3S, 9E

21, 360'SL, 330'WL, NW SE. Black Hawk Resources Corp. #56-21 Granger-Hawker Farms. OWWO. Was Nation Oil Co. #1 Granger. Was D&A. OTD 5485'. Comp. 11-7-71. Recomp. 3-23-77. COTD 4170'. IP 40 BOP/36 BW. Salem, top 4088'; Ullin, top 4130', acid. Goldengate Consol.

4S, 8E

29, 330'SL, 363'WL, SE SW. Perry Fulk #1 Mary Ward et al. Unit. Spd. 1-24-77. Comp. 3-1-77. TD 3402'. IP 48 BOP/20 BW. Aux Vases, top 3397'. Springerton South.

5S, 8E

4, SW SE SE. RK Petroleum Corp. #1 Edith & Eva Ramsey. Spd. 2-16-77. Comp. 4-13-77. TD 3348'. IP 56 BOP/some water. Aux Vases, top 3338', frac. Enfield North.

9, NW SE NW. RK Petroleum Corp. #2 Elva Fulford. Spd. 3-3-77. Comp. 3-30-77. TD 3382'. IP 50 BOP/0 BW. Aux Vases, top 3336', frac. Enfield North.

6S, 9E

34, 700'NL, 690'EL, NE. Don W. Slater #2-A Herald Unit. Spd. 10-13-75. Comp. 11-18-75. TD 2725'. IP 15 BOP/85 BW. Cypress, top 2688', frac. Herald Consol.

6S, 10E

21, 940'NL, 970'EL, NE. Jim Haley Producing Co. #B-1 W. R. Tuley. Spd. 10-6-76. Comp. 1-5-77. TD 4220'. IP 130 BOP. St. Louis, top 3323', frac. Concord Consol.

7S, 9E

2, 330'NL, 405'EL, SE NW. C. E. Brehm Drlg. & Prod. #1 Rupp. Spd. 4-15-76. Comp. 5-29-76 (est.). TD 5285'. IP 25 BOP/30 BW. Ullin, top 3949', frac. Herald Consol. NEW PAY IN FIELD.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH APRIL 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLAY COUNTY

13-2N-7E, SE NW SE. Booth Oil Co., Inc. #2 Ullom. 3646'. 11-24-76. Clay City Consol.

26-3N-6E, NE NW NW. Hanson Oil Co. #4 Branson. 3798'. 5-18-76. Sailor Springs Consol.

3-3N-7E, 480'SL, 330'EL, NW SE. James C. Franklin #1 L. Hagen. 2951'. 6-5-75. Sailor Springs Consol.

10-3N-7E, NW SW NW. Shelby A. & Sylvia Britton #1 R. L. Thompson. 2610'. 8-26-75. Sailor Springs Consol.

10-3N-7E, SW NE SE. James C. Franklin #1 Wells. 3040'. 7-19-76. Sailor Springs Consol.

22-3N-7E, NW NW NE. Johnson and Snyder #3 O. H. King. 3021'. 4-1-77. Sailor Springs Consol.

10-4N-7E, 405'NL, 330'WL, SW SE. Shelby A. Britton #3 A. Murphy. 2995'. 4-4-77. Sailor Springs Consol.

CRAWFORD COUNTY

5-5N-12W, NW SW NW. C. B. Shaffer #1 F. Price. 1024'. 8-16-76. Main Consol.

2-6N-13W, 660'NL, 660'EL, SW NE NE. Cramack #9 George Walter, formerly Stevens #2. 977'. 7-31-76. Main Consol.

20-7N-12W, 695'SL, 295'WL, NE NW. Ohio Oil Co. #11 William A. Alexander. 1006'. 4-26-76. Main Consol.

21-7N-13W, 175'NL, 175'WL, SW SE SW. Associated Producers #3 Viola Dees. 970'. 7-18-75. Main Consol.

LAWRENCE COUNTY

20-2N-11W, NW SE NW. Logan Oil Co. #2 Boyer Communitized. 1862'. 2-25-77. St. Francisville.

8-3N-12W, 60'SL, 480'WL, SE NE. Ohio Oil Co. #1 J. N. Burns. 960'. 2-17-77. Lawrence.

14-3N-12W, 230'SL, 370'EL, NW SW. Ohio Oil Co. #5 A. Gillespie. 1804'. 2-11-77. Lawrence.

17-3N-12W, 650'SL, 650'EL, NE. Ohio Oil Co. #17 Thorn. 1291'. 3-10-77. Lawrence.

35-3N-12W, 640'SL, 550'WL, NW SE. Ohio Oil Co. #5 A. L. Gould. 966'. 2-2-77. Lawrence.

19-4N-12W, 40'SL, 130'EL, NE. Ohio Oil Co. #32 S. E. Hazel. 940'. 1-20-77. Lawrence.

30-4N-12W, 170'NL, 166'EL, SE SE SE. Ohio Oil Co. #19 L. D. Sutton. 1748'. 12-2-76. Lawrence.

MARION COUNTY

4-2N-2E, 690'NL, 330'WL, NW SE. Tamarack Petroleum Co. #4-W L. A. Branch, formerly A. J. Slagter, Jr. #1. 2177'. 4-7-77. (Salt water disposal, formerly a producer.) Tonti.

RICHLAND COUNTY

12-2N-10E, SE SW SW. Republic Oil Co. #1 Hudson. 3350'. 4-1-77. Calhoun East.

WAYNE COUNTY

7-1N-7E, NW NE SE. Republic Oil Co. #1 Loss. 3307'. 3-12-77. Clay City Consol.

Irr. 18-2S-7E, 660'SL, 330'EL, SE. Black & Black Oil Co. #1 Chaney. 4168'. 3-25-77. Clay City Consol.

WHITE COUNTY

9-4S-14W, 300'NL, 300'EL, SW. J. H. Vandenbark #1 Halbert-Calvin, formerly W. G. Fortner et al. #1 G. P. Calvin. 2726'. 4-1-77. (Water input, formerly a producer.) New Harmony Consol.

9-4S-14W, 334'SL, 314'WL, SW NE SW. J. H. Vandenbark #5 Halbert-Calvin, formerly Burr Lambert #5 G. P. Calvin. 2846'. 3-26-77. (Water input, formerly a producer.) New Harmony Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet.	99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet.	101.	Underground Storage of Natural Gas in Illinois---1973 (1974).
Ill. Pet.	102.	Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
Ill. Pet.	104.	Underground Storage of Natural Gas (1975).
Ill. Pet.	105.	Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet.	106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet.	109.	Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet.	110.	Petroleum Industry in Illinois in 1975 (1976).
Cir. 458.		Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Cir. 470.		Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Cir. 482.		The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.		Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
EGN 62.		Energy Supply Problems for the 1970s and Beyond (May 1973).
		Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned
Acid — Acid treatment
BOF — Barrels of oil flowing
BOP — Barrels of oil on pump
BW — Barrels of water
C — Center
Comp. — Completed
Consol. — Consolidated
COTD — Clean-out total depth
Csg. — Casing
D & A — Dry and abandoned
Dol. — Dolomite
DTD — Drilled deeper total depth
E/2 — East $\frac{1}{2}$
EL — From the east line
Est. — Estimated
Ext. — Extension(s)
Fm. — Formation
Fr. — Fractional
Frac. — Hydraulic fracture treatment
IP — Initial production
L — Line
Loc. — Location
Ls. — Limestone
N/2 — North $\frac{1}{2}$
Nat. — Natural, no treatment
NE — Northeast $\frac{1}{4}$
NL — From the north line
NW — Northwest $\frac{1}{4}$
OTD — Old total depth
OWDD — Old well drilled deeper
OWWO — Old well worked over
PB — Plugged back
PBTD — Plugged-back total depth
R — Range
S/2 — South $\frac{1}{2}$
SE — Southeast $\frac{1}{4}$
SG — Show of gas
Sh. — Shale
SIGW — Shut-in gas well
SL — From the south line
SO — Show of oil
Spd. — Spudded
Ss. — Sandstone
SSO — Slight show of oil
SW — Southwest $\frac{1}{4}$
Swb. — Swabbing
SWD — Salt water disposal well
T — Township
TD — Total depth
Temp. abd. — Temporarily abandoned
W/2 — West $\frac{1}{2}$
WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
WL — From the west line
WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)

S

Geol Survey

no. 487
c. 1

State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

ILLINOIS GEOLOGICAL
SURVEY LIBRARY
JUN 24 1977

No. 487
c. 1

May 1977

DISCOVERIES

New Fields

None

New Pay Zones in Fields

ENFIELD NORTH. White County, 9-5S-8E, Ullin at 4315'. Discovery well, R K Petroleum Corporation 4 Triple AAA Ranch, IP 50 BOP.

Extensions to Fields

LAWRENCE. Lawrence County, 27-3N-11W, Ohara at 1838'. Discovery well, Raymond A. Messman 1 Claude White, IP 20 BOP.

TABLE I

New Pools Discovered from June 1976 through May 1977

Pool:	County	Twp.	Rng.
June 1976			
Hadley:	Richland	4N	14W
Kell North:	Marion	1N	3E
July			
None			
August			
Enfield North:	White County	5S	8E
September			
None			
October			
None			
November			
Ferrin:	Clinton County	2N	1W
December			
None			
January 1977			
None			
February			
None			
March			
None			
April			
None			
May			
None			

TABLE II

COMPLETION AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				Production in Thousands of Barrels
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,251
Apr.	46	0	3	42	7	20	10	6	78	2.261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2,222
Dec.	90	0	5	80	15	57	15	9	161	2,238
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,272
1977										
Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,275
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,170
May	58(1)	0	1	54(1)	5	22	9	0	86	2,270

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through February 1977 are from reports received directly from crude gathering companies. The figures for March, April and May 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, May 1977

County	Permits to Drill°	Total Comp.	Production Tests: New Holes: Prod.	Production Tests: New Holes: D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions Were: Prod.	Service Wells: Conversions Were: Others	Structure Tests
Bond	1	1	1	-	-	-	-	-	-
Brown	1	-	-	-	-	-	-	-	-
Christian	-	2	-	2	-	-	-	-	-
Clark	1	4	3	1	-	-	-	-	-
Clay	9	13	8	3	1	-	1	-	-
Clinton	1	-	-	-	-	-	-	-	-
Coles	3	2	1*	1	-	-	-	-	-
Crawford	18	13	10	3	-	-	-	-	-
Cumberland	1	1	1	-	-	-	-	-	-
DeWitt	1	2	1	-	-	-	-	1	-
Edgar	1	-	-	-	-	-	-	-	-
Edwards	3	-	-	-	-	-	-	-	-
Effingham	3	5	2	3	-	-	-	-	-
Fayette	3	4	1	2	1	-	-	-	-
Franklin	2	1	-	-	1	-	-	-	-
Gallatin	1	3	3	-	-	-	-	-	-
Hamilton	3	-	-	-	-	-	-	-	-
Jasper	3	1	-	-	1	-	-	-	-
Jefferson	2	1	-	-	-	-	1	-	-
Lawrence	4	8	4	1	-	3	-	-	-
Macon	4	1	1	-	-	-	-	-	-
Macoupin	-	1	1	-	-	-	-	-	-
Marion	-	4	1	3	-	-	-	-	-
Randolph	-	1	1	-	-	-	-	-	-
Richland	1	1	-	1	-	-	-	-	-
Saline	1	1	-	1	-	-	-	-	-
Sangamon	4	1	-	1	-	-	-	-	-
Wabash	2	2	-	2	-	-	-	-	-
Washington	1	-	-	-	-	-	-	-	-
Wayne	20	19	14	3	1	-	1	-	-
White	17	6	2	4	-	-	-	-	-
	111	98	55	31	5	3	3	1	-

*Gas well

°Issued by Department of Mines and Minerals, Springfield, Illinois, April 28, 1977, through May 26, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, May 1977

County	Permits to drill°	Total Comp.	Injection & Withdrawal New Wells	Injection & Withdrawal Conversions	Service Wells New Wells	Service Wells Conversions
Champaign	2	2	1	1	-	-
Fayette	5	3	-	3	-	-
Livingston	2	-	-	-	-	-
	9	5	1	4	-	-

In addition to the above, 10 permits were issued and 1 well completion was reported for structure tests in conncection with natural gas storage.

° Issued by Department of Mines and Minerals, Springfield, Illinois, April 28, 1977, through May 26, 1977.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

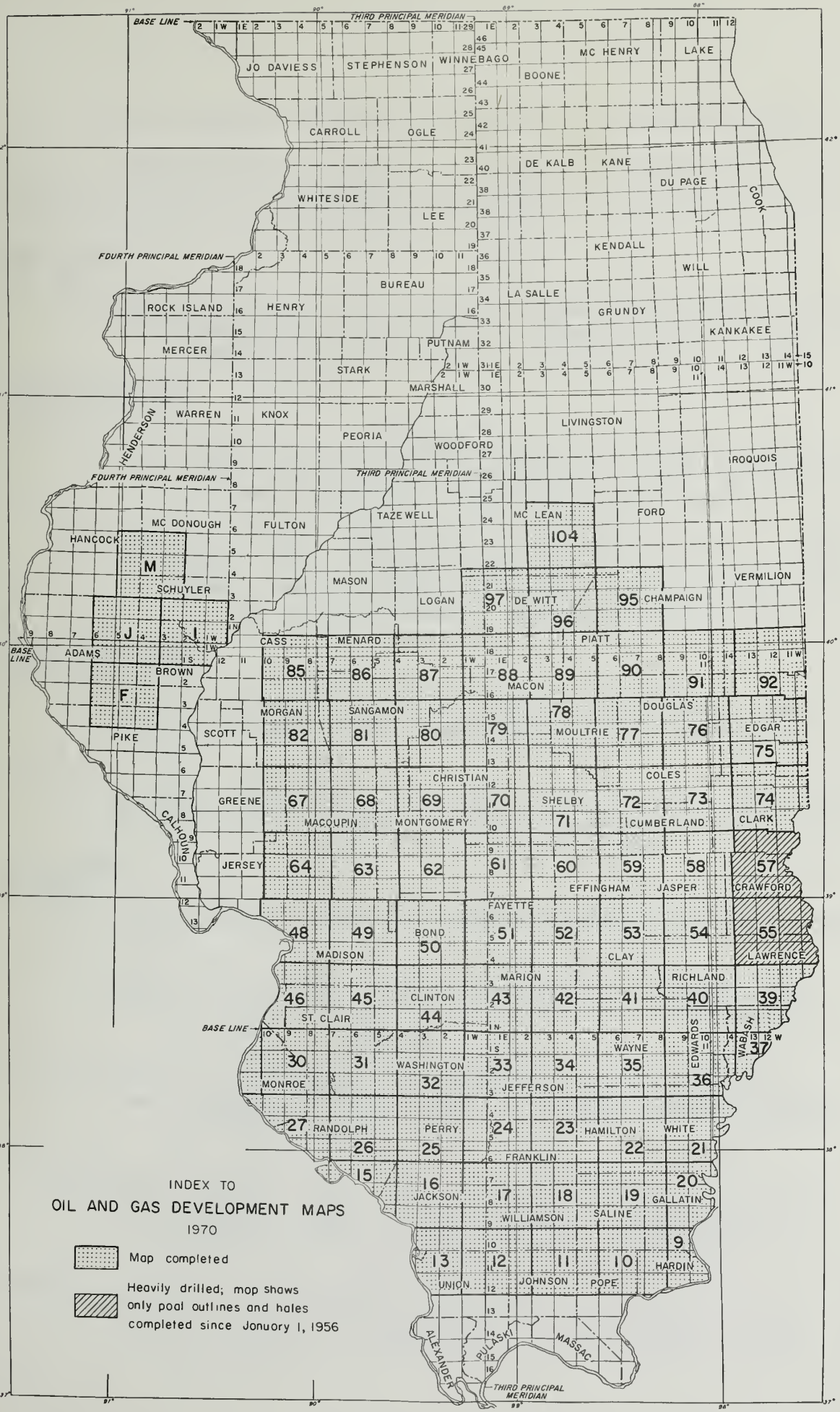
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at $1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for $1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.


INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970
Map completed
Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956
BASE LINE
THIRD PRINCIPAL MERIDIAN
FOURTH PRINCIPAL MERIDIAN
JO DAVIESS
STEPHENSON
WINNEBAGO
BOONE
MC HENRY
LAKE
CARROLL
OGLE
DE KALB
KANE
DU PAGE
COOK
WHITESIDE
LEE
KENDALL
WILL
BUREAU
LA SALLE
ROCK ISLAND
HENRY
GRUNDY
KANKAKEE
MERCER
PUTNAM
STARK
MARSHALL
WARREN
KNOX
HENDERSON
PEORIA
WOODFORD
LIVINGSTON
IROQUOIS
MC DONOUGH
FULTON
TAZEWELL
MC LEAN
FORD
HANCOCK
MASON
LOGAN
DE WITT
CHAMPAIGN
VERMILION
SCHUYLER
ADAMS
CASS
MENARD
PIATT
BROWN
MACON
MORGAN
SANGAMON
DOUGLAS
SCOTT
MOULTRIE
EDGAR
PIKE
CHRISTIAN
COLES
GREENE
SHELBY
CLARK
MACOUPIN
MONTGOMERY
CUMBERLAND
CALHOUN
JERSEY
EFFINGHAM
JASPER
CRAWFORD
FAYETTE
BOND
MADISON
CLAY
LAWRENCE
MARION
RICHLAND
CLINTON
ST. CLAIR
WAYNE
EDWARDS
WABASH
WASHINGTON
MONROE
JEFFERSON
RANDOLPH
PERRY
HAMILTON
WHITE
FRANKLIN
JACKSON
GALLATIN
WILLIAMSON
SALINE
UNION
JOHNSON
POPE
HARDIN
ALEXANDER
PULASKI
MASSAC

WELL COMPLETIONS REPORTED FROM APRIL 30, 1977 TO MAY 27, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WF) is more than 1½ miles from production.

BOND COUNTY

7N, 2W

34, 921'NL, 694'EL, SW SW. Homeier Oil Enterprises, Inc. #1-T Blankenship Communitized. Spd. 10-11-75. Comp. 1-9-76. TD 3180'. Oil producer, IP not available. Trenton, top 3130'. Woburn Consol.

CHAMPAIGN COUNTY

21N, 7E

10, 30'SL, 94'EL, NW SW. The Peoples Gas Light & Coke Co. #1 E. Hinton. Spd. 9-3-76. Comp. 9-28-76. TD 4248'. Gas injection/withdrawal. Mt. Simon, top 3958'. Manlove Gas Storage Field.

33, 50'NL, 962'EL, NE. Peoples Gas Light & Coke Co. #3 L. J. Kroner. Conversion. Was gas storage observation well (Mt. Simon formation). Comp. 3-15-76. COTD 4014'. Gas injection/withdrawal. Mt. Simon, top 3980'. Manlove Gas Storage Field.

CHRISTIAN COUNTY

14N, 2W

20, SW SE NE. Robert H. Evans #2 Oplinger. Spd. 2-10-77. Comp. 5-3-77. TD 1987'. D&A. Devonian, top 1978'. Sharpsburg.

15N, 3W

26, NE NW NE. John W. Fawcett #1 Hamel. Spd. 4-20-77. Comp. 4-24-77. TD 1878'. D&A. Silurian, top 1870' (approx.). WN - Roby East.

CLARK COUNTY

9N, 14W

2, SW SW NE. Harold Blades #1-A Gard-Weaver Comm. Abd. loc. Johnson North.

2, 405'NL, 330'WL, NE NE. Kenneth E. Beeman #1 Montgomery. Spd. 6-30-75. Comp. 8-2-75. TD 398'. IP 1 BOP. Pennsylvanian, top 392', mca. Johnson North.

2, NW NW NE. K. E. Beeman #2 L. Montgomery. Spd. 9-2-75 (est.). Comp. 10-20-75. TD 598'. D&A, SO. Claypool (Pennsylvanian), top 506'. Johnson North.

10N, 13W

30, 520'NL, 330'WL, NE SE. Fear & Duncan Oil Producers #1-T Carper. Spd. 11-24-76. Comp. 1-17-77. TD 2880'. IP 70 BOP/0 BW. Trenton, top 2827', acid and frac. Martinsville.

11N, 14W

4, NE SE NW. Jack Mankin #6 Belva Turner. Spd. 3-22-77. Comp. 5-3-77. TD 386'. IP 4 BOP (est.). Pennsylvanian, top 316', shot. Westfield.

CLAY COUNTY

2N, 7E

2, SW SW SE. John M. Zanetis #1-A Bayler. Abd. loc. Clay City Consol.

2, SE SW SE. John M. Zanetis #2-A A. Bayler. Spd. 4-7-77. Comp. 5-17-77. TD 3690'. IP 100 BOP/some water. Salem, top 3482', acid. Clay City Consol.

13, C E/2 SW SW. John M. Zanetis #5 Shelton. Spd. 4-26-77. Comp. 5-17-77. TD 3660'. Oil producer, IP not available. Salem, top 3538', mca and acid. Clay City Consol.

14, SE NE SW. John M. Zanetis #1 Hale-Henderson. Spd. 1-20-77. Comp. 5-17-77. TD 3646'. IP 175 BOP. Aux Vases, top 2952'. Clay City Consol.

14, SW NW SE. John M. Zanetis #1 Henderson. Spd. 3-25-77. Comp. 5-17-77. TD 3606'. IP 125 BOP. Aux Vases, top 2944', frac. Clay City Consol.

14, NW SW SE. John M. Zanetis #1 A. Stanford. Spd. 12-30-76. Comp. 5-2-77. TD 4000'. IP 100 BOP/150 BW. Aux Vases, top 2942', frac.; Salem, top 3539', acid. Clay City Consol.

2N, 8E

9, 430'SL, 330'EL, SW NW. H.A.V.E. Oil Co. #1-B O. Henry. Spd. 3-24-76. Comp. 3-30-76. TD 2550'. D&A. Golconda, top 2540' (approx.). Clay City Consol.

11, 330'NL, 390'EL, SW. James A. Gray #2 Brown. Spd. 10-29-76. Comp. 11-30-76 (est.). TD 3828'. IP 11 BOP/30 BW. Spar Mountain, top 3052', acid. Clay City Consol.

3N, 7E

2, NW NE NE. Franklin Oil Co., Inc. #1 D. Carder. OWWO-OWDD. Was James C. Franklin #1 D. Carder. Was D&A. OTD 2640'. Comp. 5-1-76. Recomp. 4-21-77. DTD 2968'. IP 19 BOP/57 BW. Spar Mountain, top 2960'. Sailor Springs Consol.

4N, 5E

5, C S/2 NW SW. Reiter Oil Development #5 Hoffman. Spd. 4-28-77. Comp. 5-2-77. TD 2537'. D&A. Aux Vases, top 2534'. Iola Consol.

4N, 6E

12, NE SW SW. Richard W. Beeson #1 Cecil Bible. Spd. 5-1-77. Comp. 5-17-77. TD 2996'. D&A. St. Louis, top 2993'. WN - Louisville North.

4N, 7E

35, C E/2 NW NW. Petro-Search Assoc., Inc. #1P W. Keck. Spd. 2-5-77. Comp. 4-22-77. TD 3710'. IP 26 BOP/32 BW. Aux Vases, top 2854', frac. Sailor Springs Consol.

CLAY COUNTY (continued)

5N, 7E

10, 400'NL, 330'EL, NW NW. Texaco, Inc. #21-7 North Bible Grove Unit. Conversion. Was the Ohio Oil Co. #7 L. Gharst. Was Cypress producer. Comp. 5-17-77. COTD 2516'. Water input. Cypress, top 2469'. Sailor Springs Consol.

Irr. 30, 330'SL, 330'WL, NE. Bob Hatfield #1 Della M. Quinn. Spd. 7-27-76. Comp. 1-10-77. TD 2856'. Oil producer, IP not available. McClosky, top 2840'. Toliver East.

COLES COUNTY

12N, 7E

11, 430'NL, 990'WL, SW. Safari Oil Co. #3-A Homann. Spd. 3-12-77. Comp. 3-18-77. TD 2258'. D&A. Salem, top 2227'. Mattoon.

27, 400'NL, 330'EL, SE. Energy Producers, Inc. G-#1 Arterburn. Spd. 7-15-76. Comp. 11-11-76. TD 3215'. IP 500 MCF Gas. Devonian, top 3171', acid. Mattoon.

CRAWFORD COUNTY

5N, 13W

1, SE SW SW. Energy Resources of Indiana, Inc. #3 Due Heirs II. Spd. 11-15-76. Comp. 12-27-76. TD 1379'. IP 20 BOP/10 BW. Robinson, top 816', frac. Main Consol.

6N, 13W

34, SW NW SE. E. L. Whitmer, Inc. #2 Hicks. Spd. 1-21-77. Comp. 4-26-77. TD 1060'. IP 66 BOP/trace of water. Robinson, top 918', frac. Main Consol.

34, SE NE SW. E. L. Whitmer, Inc. #2 Price. Spd. 1-27-77. Comp. 5-17-77. TD 1070'. IP 15 BOP/10 BW. Robinson, top 926', frac. Main Consol.

7N, 11W

34, NW SW SW. Fair-Rite Products Corp. #1 Fair-Rite Comm. Spd. 3-10-77. Comp. 3-13-77. TD 984'. D&A. Robinson, top 893'. WN - Main Consol.

7N, 12W

10, 447'NL, 448'EL, NE. Mason Oil Co. #1 Charles N. Newlin. Spd. 12-26-76. Comp. 5-3-77. TD 1050'. WFP 15 BOP (est.). Robinson, top 1020'. Main Consol.

10, SW SW NW. Mason Oil Co. #10 Floyd R. & Norma I. Osborn. Spd. 3-14-77. Comp. 5-3-77. TD 1100'. WFP 14 BOP/some water. Robinson, top 1028'. Main Consol.

Irr. 17, 330'NL, 330'WL, SE NW. Mason Oil Co. #2 Donald S. & Marilyn S. Price. Spd. 4-10-77. Comp. 5-3-77. TD 1150'. WFP 6 BOP (est.). Robinson, top 1062'. Main Consol.

CRAWFORD COUNTY (continued)

7N, 12W

Irr. 17, 330'SL, 330'WL, SE NW. Mason Oil Co. #3 Donald S. & Marilyn S. Price. Spd. 4-6-77. Comp. 5-3-77. TD 1150'. WFP 8 BOP (est.). Robinson, top 992'. Main Consol.

Irr. 17, 330'NL, 360'WL, NE NW. Mason Oil Co. #4 Donald S. & Marilyn S. Price. Spd. 4-14-77. Comp. 5-3-77. TD 1150'. WFP 5 BOP (est.). Robinson, top 988'. Main Consol.

30, 330'SL, 305'EL, NW NE NE. Logan Oil Co. #1-A H. C. Homan. Abd. loc. Main Consol.

7N, 13W

5, 430'NL, 330'WL, NE SE. Arden Dunlap #1-A Noble & Dorothy Sellars et al. Spd. 11-1-76. Comp. 4-29-77. TD 945'. Temp. abd. Robinson, top 906'. Main Consol.

15, SE SE NE. C. E. & Virginia Billingsley #1 Marion D. Eaton. Spd. 12-27-76. Comp. 4-26-77. TD 1010'. Oil producer, IP not available. Robinson, top 954', frac. Main Consol.

15, SW SE NE. C. E. & Virginia Billingsley #2 Marion D. Eaton. Spd. 12-22-76. Comp. 4-26-77. TD 1010'. Oil producer, IP not available. Robinson, top 958', frac. Main Consol.

8N, 14W

14, 380'NL, 330'EL, SE SE. Scates Exploration Co. #1 Stan Washburn. Spd. 10-18-76. Comp. 11-25-76. TD 2732'. D&A. Devonian, top 2542'. Bellair.

CUMBERLAND COUNTY

10N, 10E

1, SE NW SW. Marathon Oil Co. 1P42 J. Sidwell. Spd. 11-20-76. Comp. 5-5-77. TD 695'. IP 52 BOP/26 BW. Siggins, top 412', frac. Siggins.

EDWARDS COUNTY

1N, 10E

27, 330'NL, 400'WL, NE. Spartan Petroleum Co. #1 Cleatus Satterthwaite. Spd. 3-26-77. Comp. 5-2-77. TD 3349'. IP 55 BOP/10 BW. McClosky, top 3287', acid and frac. Samsville West.

2S, 11E

Irr. 19, 840'NL, 330'WL, NW. The Superior Oil Co. #7 F. Wood. Conversion. Was McClosky producer converted to Aux Vases water input then deepened to Salem and temp. abd. Comp. 4-4-77. COTD 3183'. Water input. McClosky, top 3110'. Albion Consol.

3S, 10E

9, SE NE NW. M. V. Ring #1 Fannie Bunting. OWWO. Was K. Cooper #1 Bunting. D&A. OTD 3422'. Comp. 1-4-55. Recomp. 4-5-77. COTD 3422'. D&A. McClosky, top 3368'. WN - Albion West.

EFFINGHAM COUNTY

8N, 4E

Irr. 6, 330'NL, 330'WL, NE SE. Comanche Oil Corp. #1 Seltzar. Spd. 4-13-77. Comp. 5-17-77. TD 3100'. D&A. Lingle, top 3086'. WN - Louden.

Irr. 7, 480'SL, 430'EL, SW SE. M. L. Niemeyer #1 W. Carlen. Spd. 3-11-77. Comp. 5-3-77. TD 3161'. IP 15 BOP/some water (est.). Cypress, top 1590', frac. Louden.

Irr. 7, 330'SL, 380'WL, SE NW SW. M. L. Niemeyer #1 Lecrone-Doty. Spd. 2-10-77. Comp. 5-3-77. TD 3140'. IP 26 BOP/60 BW. Devonian, top 3110', frac. Louden.

9N, 4E

32, SW NW SW. Comanche Oil Corp. #1 Cutler. Spd. 4-27-77. Comp. 5-17-77. TD 3154'. D&A. Sylamore, top 3136'. WN - Louden.

32, 430'NL, 330'WL, SE. Fayette County Oil & Gas Producers #1 Mersman Comm. Spd. 4-14-77. Comp. 5-10-77. TD 3188'. D&A. Devonian, top 3100'. WN - Louden.

FAYETTE COUNTY

8N, 3E

1, SW NE SE. Marion F. Miller #1 Doty Heirs. OWWO. OWDD. Was D&A. OTD 1682'. Comp. 5-3-76. Recomp. 1-16-77. DTD 3158'. IP 33 BOP/3 BW. Devonian, top 3080', mca, acid and frac. Louden.

2, C W/2 NE SE. W. L. Belden #1 Cornelia. Spd. 4-11-76. Comp. 9-8-76. TD 2914'. IP 2 BOP/120 BW. Aux Vases, top 1718'; McClosky, top 1744', mca and frac. Louden.

22, 607'NL, 305'WL, SW NW. Natural Gas Pipeline Co. #3-D Levi Tipsword. Conversion. Was Devonian gas storage observation well. Comp. 4-28-77. COTD 3193'. Gas injection/withdrawal. Devonian, top 3116'. Louden.

32, 63'NL, 883'EL, SW. Natural Gas Pipeline Co. #13-D Leroy Cummings. Conversion. Was Devonian gas storage observation. Comp. 4-28-77. TD 3333'. Gas injection/withdrawal. Devonian, top 3124'. Louden.

32, C SE NE. Natural Gas Pipeline Co. of America #16-D William Ireland. Conversion. Was Devonian gas storage observation well. Comp. 4-28-77. COTD 3177'. Gas injection/withdrawal. Devonian, top 3110'. Louden.

35, 430'SL, 330'EL, SE. Smith Oil Co. #4 Edith K. Smith. Spd. 12-14-76. Comp. 5-3-77. TD 1862'. D&A. Spar Mountain, top 1846'. Louden.

9N, 3E

35, 360'NL, 330'EL, SE SE. W. L. Belden #4-A Gordon. Abd. loc. Louden.

36, NE NW SE. E. C. Reeves #1 St. Pierre. Spd. 4-20-77. Comp. 5-10-77. TD 1695'. D&A. Benoist, top 1680'. Louden.

FAYETTE COUNTY (continued)

9N, 3E

36, 330'NL, 380'EL, NE NW SW. Time Oil Inc. #2 Woods Buzzard. Abd. loc. Louden.

36, 330'SL, 370'WL, SE NE. E. C. Reeves #1 Coin. Abd. loc. Louden.

FRANKLIN COUNTY

7S, 3E

32, NE NW SW. Joe A. Dull #1AB Merriman. OWWO. Was Stewart Prod., Inc. & Stewart Bros. #1A Merriman. D&A. OTD 3000'. Comp. 5-24-71. Recomp. 12-30-76. COTD 2848'. IP 10 BOP/30 BW. Aux Vases, top 2786', mca and frac. West Frankfort Consol.

GALLATIN COUNTY

8S, 10E

3, C NW SE. George Mitchell Drlg. Contractor #1 Barn. Spd. 11-16-76. Comp. 2-10-77. TD 2419' (approx.). IP 15 BOP/30 BW. Tar Springs, top 2111', acid. Inman East Consol.

10, SE SW NW. George Mitchell Drlg. Contractor #1 Van Tuyl. Spd. 11-8-76. Comp. 11-24-76. TD 2428'. IP 1 BOP/0 BW. Cypress, top 2418', shot. Inman East Consol.

10, NE SW NW. George Mitchell Drlg. Contractor #2 Van Tuyl. Spd. 11-22-76. Comp. 12-21-76. TD 2427'. IP 1 BOP/0 BW. Cypress, top 2411', shot. Inman East Consol.

JASPER COUNTY

6N, 11E

Irr. 6, 660'SL, 330'WL, SE. Parrish Production Co. #2A Sam Bigard. OWWO. Was Pure Oil Co. #1 G. W. Dillman "B". Was D&A. OTD 2742'. Comp. 7-2-46. Recomp. 4-28-77. COTD 2741'. IP 9 BOP/10 BW. McClosky, top 2655'. Clay City Consol.

JEFFERSON COUNTY

2S, 4E

4, SE NE NE. Farmers Petr. Co-Op., Inc. #A-1 WI Snodsmith. Conversion. Was McClosky producer. Comp. 3-14-77. COTD 2950' (est.). Water input. McClosky, top 2936'. Oakdale North.

LAWRENCE COUNTY

2N, 12W

11, SE NW SE. Frances Gillespie #8 Breen. Spd. 9-15-74. Comp. 4-26-77. TD 2010'. Waterflood oil producer, IP not available. Pennsylvanian, top 610'. Lawrence.

11, C E/2 SE SE. Frances Gillespie #7 W. Buchanan. Spd. 3-5-74. Comp. 4-26-77. TD 2373'. Waterflood producer, IP not available. Biehl, top 1260'. Lawrence.

2N, 13W

27, NE NW NE. Big Valley Petro. Corp. #1 Curtis Hughes. OWWO. OWDD. Was V. T. Drlg. #1 F. Thompson. Was D&A. OTD 2732'. Comp. 5-4-48. Recomp. 5-10-77. DTD 3303'. D&A. Salem, top 3030' (approx.). WN - Lancaster.

LAWRENCE COUNTY (continued)

3N, 11W

Irr. 27, 330'SL, 330'EL, NW. Raymond A. Messman #1 Claude White. Spd. 10-17-76. Comp. 3-16-77. TD 2400'. IP 20 BOP (est.). Ohara, top 1838', acid. EXTENSION TO LAWRENCE FIELD.

33, NW SW NE. Kenneth E. Musgrove #3 Kyle McClure. Abd. loc. Lawrence.

3N, 13W

13, SE NW NE. Bridgeport Drlg. Co., Inc. #3 Sumner-Griggs Comm. Spd. 11-27-76. Comp. 4-12-77. TD 2088'. IP 30 BOP. Spar Mt., top 2046', frac & acid. Lawrence.

4N, 12W

19, 20'SL, 655'WL, NE SE. Marathon Oil Co #RB-19 George Lathrop. Spd. 10-22-76. Comp. 11-15-76 (est.). TD 951'. Water input. Bridgeport, top 822'. Lawrence.

19, 50'SL, 660'EL, SE. Marathon Oil Co. #RB-21 G.L. Miller. Spd. 10-15-76. Comp. 11-20-76. TD 988'. Water input. Bridgeport, top 815'. Lawrence.

19, 5'SL, 10'EL, NE SW. Marathon Oil Co. #NB-19 E. Willey. Spd. 9-7-76. Comp. 10-8-76 (est.). TD 1033'. Water input. Robinson, top 789'. Lawrence.

5N, 11W

27, SE NW NE. W. A. Corley #3 Racop. Spd. 4-15-77. Comp. 4-27-77. TD 3138. D&A. Salem, top 2092'. Main Consol

MACON COUNTY

16N, 1E

22, 330'SL, 580'WL, SE NE. Carl E. Cooper #1 Cooper-Pumphrey. Spd. 10-8-76. Comp. 11-22-76. TD 2022'. IP 6 BOP/3BW. Silurian, top 2003'. Blackland North.

MACOUPIN COUNTY

7N, 7W

16, 30'NL, 515'EL, SE SW NE. I. R. Bennett #4-A Schreier. Spd. 4-20-77. Comp. 5-20-77. TD 498'. IP 2 BOP/2BW. Pennsylvanian, top 486', natural. Staunton West.

MARION COUNTY

1N, 4E

29, SW NE NE. Pogo Petroleum, Inc. #1 Bachman. Spd. 4-20-77. Comp. 5-2-77. TD 3530'. D&A. Ullin, top 3460' (approx.). Exchange East.

2N, 3E

5, C W/2 NW NW. Goose Creek Oil Co., Inc. #1 C. Glasco. Spd. 4-15-76. Comp. 4-26-76. TD 3906'. D&A. Silurian, top 3836' (est.). Brubaker.

2N, 4E

29, SE SW SW. Farmers Petroleum Cooperative, Inc. #2 Mathilda Koehnke et al. Spd. 4-12-77. Comp. 4-17-77. TD 2745'. D&A. McClosky, top 2680'. WN-Iuka South.

MARION COUNTY (continued)

3N, 3E

Irr. 30, 330'SL, 330'WL, NE SE. Kenneth E. Beeman #1 R. Foster. Spd. 8-5-73. Comp. 8-3-75. TD 3946'. IP 14 BOP/40 BW. St. Louis, top 2534' (est.), acid. Brubaker.

RANDOLPH COUNTY

4S, 6W

1, 990'SL, 390'WL, SE SE. The Anschutz Corp. #1 Anderson. Spd. 5-15-74. Comp. 5-17-77. TD 2077'. IP 63 BOP/19 BW. Silurian, top 2040', acid. Tilden North.

RICHLAND COUNTY

2N, 10E

5, SW NE NW. Spartan Petroleum Co. #1 Blackford et al. Comm. Spd. 5-3-77. Comp. 5-13-77. TD 3976'. D&A. Salem, top 3650' (approx.). Calhoun Consol.

SALINE COUNTY

8S, 5E

26, SE SW NE. Pacific Explor. Corp. #2 Malone. Abd. loc. Harco East.

27, 558'SL, 410'WL, NE SE. Roy W. Powers #2 Mary E. Reynolds. Spd. 4-20-77. Comp. 4-28-77. TD 3055'. D&A. Ste. Genevieve, top 2987'. Harco East.

SANGAMON COUNTY

16N, 3W

26, SE NW SE. W.A. Corley #1 Lester T. Marshall Comm. Spd. 4-6-77. Comp. 4-19-77. TD 1722'. D&A. Silurian, top 1695. Mechanicsburg.

WABASH COUNTY

1N, 11W

17, NE SE NW. Southern Triangle Oil Co. #2 Charles Levings. Spd. 5-2-77. Comp. 5-4-77. TD 1408'. D&A. Biehl, top 1348'. Allendale.

1N, 12W

24, NW SW NE. Whiteside Oil Co. #2 John Marcotte. Spd. 6-8-76. Comp. 4-12-77. TD 1505'. IP 20 BOP/20 BW. Biehl, top 1458', frac. Allendale.

1S, 13W

Irr. 14, 990'SL, 377'EL, SW SE. Spartan Petroleum Co. #4 Raymond Haase et al. Spd. 4-15-77. Comp. 4-19-77. TD 2602'. D&A. St. Genevieve, top 2553' (approx.). New Harmony Consol.

WAYNE COUNTY

1N, 7E

35, NW SE SW. Richard W. Beeson #4 Harold Barnard. Spd. 3-5-77. Comp. 5-17-77. TD 3140'. IP 30 BOP/10 BW. Spar Mountain, top 3136', nca. Clay City Consol.

1S, 5E

27, SW SW SE. Louis A. Pessina #6 Katherina Goff. Spd. 4-6-77. Comp. 5-15-77. TD 3700'. IP 230 BOP/tr. wtr. Salem, top 3606', acid. Keenville.

WAYNE COUNTY (continued)

1S, 5E

27, 390'SL, 990'EL, SE. Louis A. Pessina #7 Katherina Goff. Spd. 4-19-77. Comp. 5-20-77. TD 3720'. IP 250BOP. Salem, top 3639', acid. Keenville.

27, NE NW SE. Fletcher F. Farrar #1 Verl Keen. Spd. 3-1-77. Comp. 4-26-77. TD 3722'. IP 125 BOP/20 BW. Salem, top 3622', acid. Keenville.

27, NE SE NW. Fletcher F. Farrar #2 George Reed. Spd. 2-22-77. Comp. 4-18-77. TD 3626'. IP 300 BOP/10 BW. Salem, top 3622'. Keenville.

27, SW SE NE. Fletcher F. Farrar #3 George Reed. OWWO & OWDD. Was W. Duncan #1 Geodde Lumber Co. D&A, OTD 3190'. Comp. 11-20-51. Recomp. 4-26-77. DTD 3700'. IP 100 BOP. Salem, top 3616', mca. Keenville.

27, 330'SL, 255'WL, SE NW. Fletcher F. Farrar #4 Roy Reed. Spd. 2-27-77. Comp. 4-26-77. TD 3675'. IP 100 BOP/125 BW. Salem, top 3587', acid. Keenville.

33, 380'NL, 330'EL, SE NE. Richard W. Beeson #1 Bowyer et al. Spd. 2-26-77. Comp. 4-26-77. TD 3696'. IP 36 BOP/60 BW. Salem, top 3646', mca. Keenville.

34, NE NW NW. Texaco, Inc. #3 C.L. Tutt. Spd. 3-7-77. Comp. 5-4-77. TD 3810'. IP 173 BOP/405 BW. Salem, top 3608', acid. Keenville.

34, SW NE NW. Texaco, Inc. #4 C.L. Tutt. Spd. 4-1-77. Comp. 4-27-77. TD 4050'. IP 137 BOP/218 BW. Salem, top 3614', acid. Keenville.

34, 390'NL, 330'EL, NW. Texaco Inc. #5 C.L. Tutt. Spd. 4-14-77. Comp. 5-3-77. TD 3850'. IP 163 BOP/182 BW. Salem, top 3615', acid. Keenville.

34, 330'NL, 270'WL, NE. Texaco, Inc. #6 C.L. Tutt. Spd. 4-28-77. Comp. 5-17-77. TD 3822'. IP 260 BOP/125 BW. Salem, top 3622', acid. Keenville.

1S, 6E

Irr. 4, 330'NL, 330'WL, SE SW. Chris Pearson, Jr. #2 Florence Lane. Conversion. Was Carter Oil Co. #2 Florence Lane. Was McClosky producer. Comp. 5-17-77. COTD 2050'. SWD. Tar Springs, top 1950'. Johnsonville Consol.

11, 720'SL, 990'EL, SE. Van Fossan Assoc. #2 Don Riley, Spd. 4-20-77. Comp. 4-25-77. TD 3234'. D&A. Ste. Genevieve, top 3136'. Johnsonville South.

12, NE NE NW. David Allison #2 Yates. Spd. 4-14-77. Comp. 5-2-77. TD 3246'. IP 116 BOP. McClosky, top 3239', natural. Johnsonville Consol.

23, NW NE NE. Richard W. Beeson #1 Frederick Beeson. Spd. 4-9-77. Comp. 4-26-77. TD 3878'. D&A. Salem, top 3577'. Johnsonville South.

WAYNE COUNTY (continued)

1S, 6E

23, 500'NL, 330'WL, NE SE. Modern Explorations #1 Adolph Kudzia. Spd. 4-8-77. Comp. 5-10-77. TD 3310'. D&A. St. Louis, top 3304'. Johnsonville South.

1S, 8E

Irr. 19, 660'SL, 330'WL, SW. Gordon T. Jenkins #1 Hollinger. Abd. loc. Clay City Consol.

2S, 9E

8, 565'SL, 330'WL, SE SE. Ernest Sherman #1 Matthews. Spd. 12-29-76. Comp. 1-5-77. TD 3374'. IP 35 BOP/7 BW. Spar Mt., top 3318'. Goldengate North Consol.

3S, 6E

7, NE SE NE. Comanche Oil Corp. #1 Kissner. Spd. 3-16-77. Comp. 5-18-77. TD 4190'. IP 110 BOP. Ullin, top 4185', natural. Hayberry.

WHITE COUNTY

4S, 8E

12, NE NE SE. United States Oil Co. #1 Charles O. Williams. Spd. 12-16-76. Comp. 4-18-77. TD 3565'. D&A. St. Louis, top 3548'. WN-Burnt Prairie South.

34, SW NE NW. RK Petroleum Corp. #2 Kerwin Trust. Spd. 4-18-77. Comp. 5-1-77. TD 4442'. D&A. Borden, top 4406'. WN-Springerton South.

4S, 14W

Irr. 7, 330'NL, 990'EL, SE SW. Absher Oil Co. #13 Garfield Parsons. Spd. 4-1-77. Comp. 4-8-77. TD 3178'. D&A. Benoist, top 3107'. Phillipstown Consol.

5S, 8E

9, NW NE NW. RK Petroleum Corp. #4 Triple AAA Ranch. Spd. 3-16-77. Comp. 5-17-77. TD 4392'. IP 50 BOP. Ullin, top 4315'. Enfield North. NEW PAY IN FIELD.

19, SE NE NE. Reynolds & Vincent #2 Lawrence W. Unfried. Abd. loc. Enfield.

19, NW NE NE. Reynolds & Vincent #4 Lawrence W. Unfried. Abd. loc. Enfield.

5S, 10E

21, NE SW NW. Eugene E. Morris #2 Frances Calvert. Spd. 4-2-77. Comp. 5-3-77. TD 4170'. D&A. Ullin, top 3930'. Storms Consol.

5S, 11E

Irr. 18, 1650'NL, 330'WL, NW. Hocking Oil Co., Inc. #1 Gregory Kempf. OWWO-OWDD. Was Calvert Drlg., Inc. #1 C. Ford Tr. Was D&A, OTD 3230'. Comp. 11-15-52. Recomp. 4-26-77. DTD 4460'. D&A. Ullin, top 4025' (approx.). WN-Maunie N. Consol.

WHITE COUNTY (continued)
6S, 10E
28, C NW NE. Jim Haley Production Co. #1 V. Hiller. Spd. 10-26-76. Comp. 1-5-77. TD 4950'. IP 120 BOP. Ullin, top 3874', frac. Concord Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH MAY 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLARK COUNTY

26-10N-14W, 220'SL, 250'WL, NE SE. States Oil Co. #5 Stratton. 484'. 4-13-77. Johnson North.

CLAY COUNTY

9-2N-8E, SE SW NW. H.A.V.E. Oil Co., Inc. #1-A Henry. 3590'. 5-6-77. Clay City Consol.

20-4N-6E, SE SE NW. McKinney Oil Producer, Inc. #1 Thompson. 2845'. 4-25-77. Louisville.

4-5N-7E, SE SE SE. John J. Callahan #2 Veith. 2534½'. 4-1-77. Sailor Springs Consol.

CLINTON COUNTY

2-2N-3W, 330'SL, 965'WL, SE. Farm Feeds Construction, Inc. #1 Schomaker. 1052'. 4-28-77. Carlyle.

11-2N-3W, 330'NL, 990'EL, NE. Elmer Oelze, Jr. #1 Deters. 1053'. 4-27-77. Carlyle.

COLES COUNTY

22-13N-7E, NW SW SE. Development Assoc. Inc. #3 George Miller. 1915'. 5-5-77. Mattoon North.

22-13N-7E, NE SE SW. Development Assoc. Inc. #4 George W. Miller. 1955'. 5-4-77. Mattoon North.

27-13N-7E, NE NW NE. Development Assoc. Inc. #1 William H. Tracy. 1920'. 5-3-77. Mattoon North.

27-13N-7E, SE NW NE. Har-Ken Oil Co. #2 William H. Tracy, formerly Development Assoc., Inc. 1922'. 5-2-77. (Water input, formerly a producer.) Mattoon North.

CRAWFORD COUNTY

18-7N-12W, 250'SL, 250'WL, SW NE SW. Wiser Petroleum #10 H. J. Musgrave. 1041'. 5-9-77. Main Consol.

JEFFERSON COUNTY

22-1S-2E, SW SW NW. Nye, Hewitt, & Muller #1 C. O. Sargent. 1937'. 8-17-46. Dix South.

34-2S-1E, NE SE NE. E. M. Self #2 T. Meyers, formerly L. B. Jackson. 1998'. 4-16-77. (Combination salt water disposal and producer.) Woodlawn.

34-2S-1E, 330'SL, 280'EL, NE. L. B. Jackson #3 T. Meyers. 1997'. 4-22-77. Woodlawn.

34-2S-1E, 374'SL, 330'EL, NE. L. B. Jackson #4 T. Meyers. 1832'. 4-20-77. Woodlawn.

25-4S-2E, NE SE NW. Nash Redwine #1 Gale G. Gilbert. 3050'. 8-10-43. Ina.

35-4S-2E, NW NW NE. W. P. Ford #1 Smith Heirs et al. 3250'. 8-14-70. Ina.

LAWRENCE COUNTY

15-3N-12W, 400'NL, 400'EL, NE SW. John M. Zanetis #6 William Gillespie, formerly #7 Gillespie. 2360'. 4-21-77. Lawrence.

15-3N-12W, 700'SL, 300'WL, SE SW. John M. Zanetis #14 W. H. Gillespie, formerly Ohio Oil Co. #3 G. H. Gillespie, 1650'. 4-27-77. Lawrence.

15-3N-12W, 890'NL, 360'WL, NE SW. John M. Zanetis #8 Wm. Gillespie. 1832'. 4-15-77. Lawrence.

30-4N-12W, 400'SL, 600'EL, NW SE. Curtis Akin & Co. #2 R. L. Fitch. 945'. 4-13-77. Lawrence.

29-4N-12W, 180'SL, 210'EL, SW. Ohio Oil Co. #20 J. B. Lewis. 1401'. 4-18-77. Lawrence.

30-4N-12W, 170'NL, 165'WL, SE SE. Ohio Oil Co. #5 L. D. Sutton. 1032'. 3-28-77. Lawrence.

MARION COUNTY

10-1N-2E, SW NE SW. A. B. Potter #1 Roy B. Garren. 2141'. 4-8-77. Salem Consol.

10-1N-2E, SE NE SW. A. B. Potter #2 Roy B. Garren. 2162'. 4-11-77. Salem Consol.

10-1N-2E, NW SE NW. A. B. Potter #1 Luttrell. 2174'. 4-13-77. Salem Consol.

21-1N-2E, SW SW NE. E. M. Self #1 Lora E. Burge, formerly C. R. Winn. 2130'. 5-4-77. Salem Consol.

21-1N-2E, NW SW NE. E. M. Self #2 Lora Burge, formerly C. R. Winn. 2128'. 5-3-77. (Salt water disposal, formerly a producer.) Salem Consol.

9-2N-2E, 460'SL, 330'WL, SE. Texas Co. #8 F. Shanafelt. 2110'. 4-29-77. Salem Consol.

RICHLAND COUNTY

29-5N-10E, SW SE SW. Robert L. Runyon #1 Kermicle-Grove Comm., formerly Burt Burrow. 3248'. 4-25-77. Clay City Consol.

29-5N-10E, NW SE SW. Robert L. Runyon #1 D. E. Kermicle et al., formerly Burt Burrow Oil Co. 3252'. 4-19-77. Clay City Consol.

ST. CLAIR COUNTY

27-3S-7W, 330'SL, 330'WL, NE. Edward C. Rust, Trustee #1 Fred Kirchhoefer. 272'. 4-27-77. Marissa West.

27-3S-7W, SW SW SW. Ed. C. Rust #1 Reinhardt-Yesley Communitized. 265'. 4-27-77. Marissa West.

WABASH COUNTY

23-1N-13W, SW NW NW. Illinois Mid-Continent & Dee Drlg. Co. #1 Robert Baumgart. 2788'. 4-29-77. Friendsville Central.

WHITE COUNTY

23-3S-10E, NE NW SW. Ashland Oil & Rfg. Co. #1 C. Robinson et al. 3011'. 4-14-77. Albion Consol.

9-4S-14W, 300'SL, 300'EL, NE SW. Burr Lambert #3 G. P. Calvin. 2231'. 4-13-77. New Harmony Consol.

9-4S-14W, SW SW NE. J. H. Vandenbark #1-C Hayes-Hon., formerly Haynes Schnacke et al. #C-1 F. M. Hon. 2734'. 4-12-77. (Water input, formerly a producer.) New Harmony Consol.

11-5S-10E, 330'NL, 350'EL, NW SE. Richard W. Beeson #2 Earlene Brooks. 2143'. 4-15-77. Phillipstown Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet.	99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet.	101.	Underground Storage of Natural Gas in Illinois---1973 (1974).
Ill. Pet.	102.	Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
Ill. Pet.	104.	Underground Storage of Natural Gas (1975).
Ill. Pet.	105.	Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet.	106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet.	109.	Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet.	110.	Petroleum Industry in Illinois in 1975 (1976).
Cir. 458.		Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Cir. 470.		Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Cir. 482.		The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.		Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
EGN 62.		Energy Supply Problems for the 1970s and Beyond (May 1973).
		Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned
Acid — Acid treatment
BOF — Barrels of oil flowing
BOP — Barrels of oil on pump
BW — Barrels of water
C — Center
Comp. — Completed
Consol. — Consolidated
COTD — Clean-out total depth
Csg. — Casing
D & A — Dry and abandoned
Dol. — Dolomite
DTD — Drilled deeper total depth
E/2 — East $\frac{1}{2}$
EL — From the east line
Est. — Estimated
Ext. — Extension(s)
Fm. — Formation
Fr. — Fractional
Frac. — Hydraulic fracture treatment
IP — Initial production
L — Line
Loc. — Location
Ls. — Limestone
N/2 — North $\frac{1}{2}$
Nat. — Natural, no treatment
NE — Northeast $\frac{1}{4}$
NL — From the north line
NW — Northwest $\frac{1}{4}$
OTD — Old total depth
OWDD — Old well drilled deeper
OWWO — Old well worked over
PB — Plugged back
PBTD — Plugged-back total depth
R — Range
S/2 — South $\frac{1}{2}$
SE — Southeast $\frac{1}{4}$
SG — Show of gas
Sh. — Shale
SIGW — Shut-in gas well
SL — From the south line
SO — Show of oil
Spd. — Spudded
Ss. — Sandstone
SSO — Slight show of oil
SW — Southwest $\frac{1}{4}$
Swb. — Swabbing
SWD — Salt water disposal well
T — Township
TD — Total depth
Temp. abd. — Temporarily abandoned
W/2 — West $\frac{1}{2}$
WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
WL — From the west line
WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)

Geol Survey

no. 488
c. 1

State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

No. 488
c. 1

June 1977

DISCOVERIES

New Fields

None

New Pay Zones in Fields

SPRINGERTON SOUTH. White County, 28-4S-8E, Ullin at 4379'. Discovery well, Perry Fulk #1 Hazelip, IP 15 BOP, 100 Bw.

SPRINGERTON SOUTH. White County, 29-4S-8E, Salem at 4287'. Discovery well, Perry Fulk #2 Mary Ward et al Unit, IP 40 BOP.

Extensions to Fields

SPRINGERTON SOUTH. White County, 28-4S-8E, Spar Mountain at 3498'. Discovery well, Perry Fulk #1 W. L. Lewis, IP 50 BOP, 50 Bw (est.).

TABLE I

New Pools Discovered from July 1976 through June 1977

Pool:	County	Twp.	Rng.
July 1976			
None			
August			
Enfield North:	White County	5S	8E
September			
None			
October			
None			
November			
Ferrin:	Clinton County	2N	1W
December			
None			
January 1977			
None			
February			
None			
March			
None			
April			
None			
May			
None			
June			
None			

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				Production in Thousands of Barrels
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,251
Apr.	46	0	3	42	7	20	10	6	78	2,261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2,222
Dec.	90	0	5	80	15	57	15	9	161	2,238
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,272
1977										
Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	58(1)	0	1	54(1)	5	22	9	0	86	2,274
June	58(3)	0	1	54(3)	5	32	12	7	108	2,200

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through May 1977 are from reports received directly from crude gathering companies. The figure for June 1977 is estimated.

TABLE III

Drilling by Counties, Oil and Gas, June 1977

County	Permits to Drill°	Total Comp.	Production Tests: New Holes Prod.	Production Tests: New Holes D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions Were Prod.	Service Wells: Conversions Others	Structure Tests
Bond	4	1	-	1	-	-	-	-	-
Brown	6	1	-	1	-	-	-	-	-
Christian	2	-	-	-	-	-	-	-	-
Clark	5	5	3	2	-	-	-	-	-
Clay	20	12	6	6	-	-	-	-	-
Clinton	3	2	1	1	-	-	-	-	-
Coles	3	1	-	1	-	-	-	-	-
Crawford	12	14	9*	2	-	1	2	-	-
Cumberland	-	1	-	1	-	-	-	-	-
Edgar	4	3	2+	1	-	-	-	-	-
Edwards	10	3	1	2	-	-	-	-	-
Effingham	7	3	2	1	-	-	-	-	-
Fayette	3	4	1	3	-	-	-	-	-
Franklin	5	3	1	1	-	-	-	1	-
Gallatin	1	1	-	1	-	-	-	-	-
Hamilton	4	6	1	3	-	-	-	2	-
Jackson	1	1	-	1	-	-	-	-	-
Jasper	1	-	-	-	-	-	-	-	-
Jefferson	6	-	-	-	-	-	-	-	-
Lawrence	4	11	5	4	-	2	-	-	-
McLean	1	-	-	-	-	-	-	-	-
Macon	2	-	-	-	-	-	-	-	-
Macoupin	1	-	-	-	-	-	-	-	-
Madison	-	1	-	-	1	-	-	-	-
Marion	3	5	1	3	1	-	-	-	-
Monroe	1	1	1	-	-	-	-	-	-
Montgomery	-	1	1	-	-	-	-	-	-
Perry	-	1	-	1	-	-	-	-	-
Randolph	3	-	-	-	-	-	-	-	-
Richland	3	1	-	1	1	-	-	-	-
Saline	3	3	2	-	-	-	1	-	-
Sangamon	-	1	-	1	-	-	-	-	-
Wabash	14	4	1	1	-	-	1	1	-
Washington	2	-	-	-	-	-	-	-	-
Wayne	31	19	11	7	1	-	-	-	-
White	22	19	8	4	2	1	3	1	-
Williamson	2	1	-	1	-	-	-	-	-
	189	129	57	51	5	4	7	5	-

*Includes 1 gas well
+Gas wells

°Issued by Department of Mines and Minerals, Springfield, Illinois, May 2, 1977, through June 30, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, June 1977

County	Permits to drill*	Total Comp.	Injection & Withdrawal New Wells	Injection & Withdrawal Conversions	Service Wells New Wells	Service Wells Conversions
Livingston	3	-	-	-	-	-

In addition to the above, 18 permits to drill structure tests were issued, and 1 structure test well was drilled in connection with natural gas storage.

*

* Issued by Department of Mines and Minerals, Springfield, Illinois, May 2, 1977, 1977, through June 30, 1977.

* * * * * * * * * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

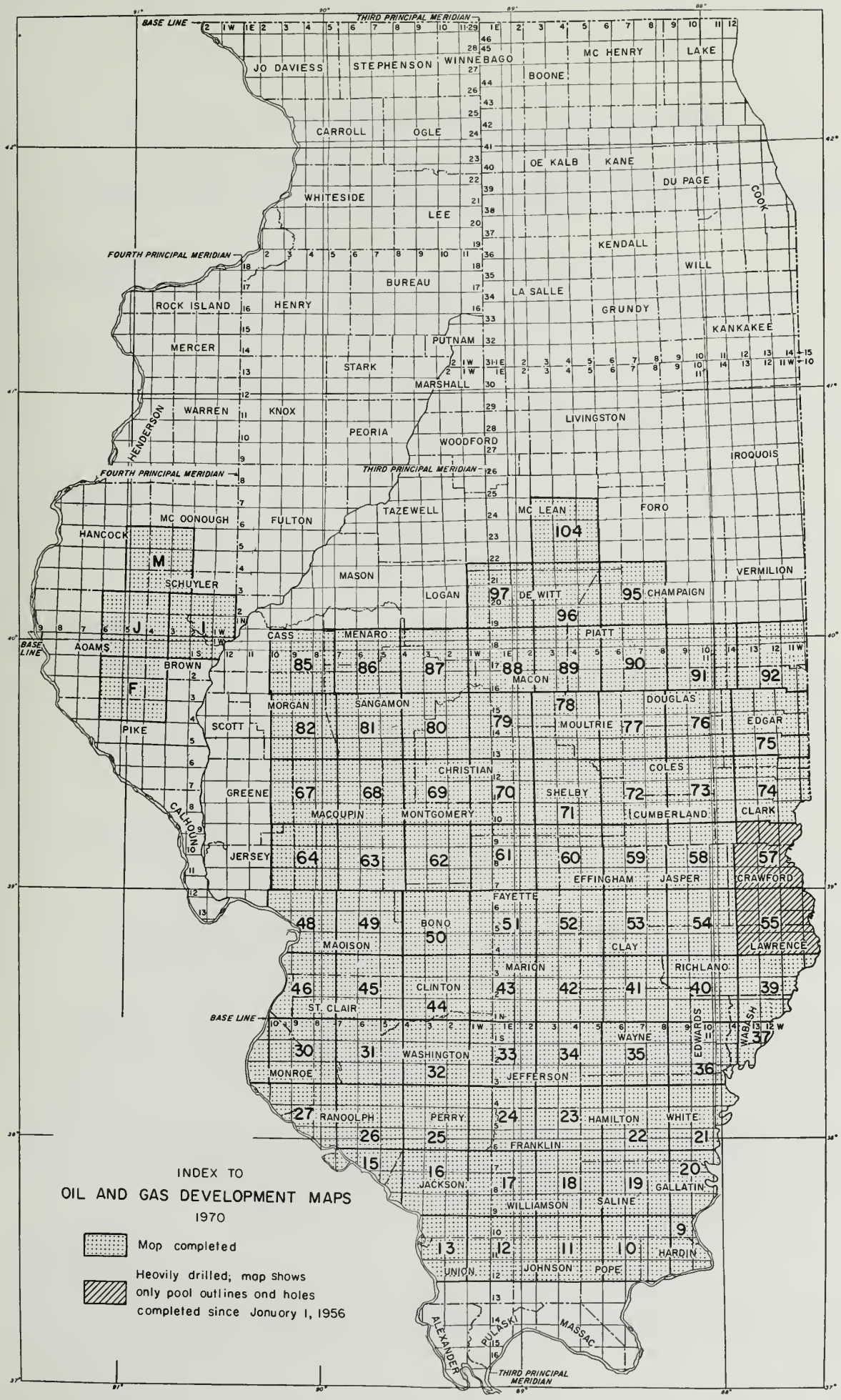
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at $1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for $1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.


INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970
Map completed
Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956
BASE LINE
THIRD PRINCIPAL MERIDIAN
FOURTH PRINCIPAL MERIDIAN
JO DAVIESS
STEPHENSON
WINNEBAGO
BOONE
MC HENRY
LAKE
CARROLL
OGLE
DE KALB
KANE
DU PAGE
COOK
WHITESIDE
LEE
KENDALL
WILL
BUREAU
LA SALLE
GRUNDY
KANKAKEE
ROCK ISLAND
HENRY
PUTNAM
MERCER
STARK
MARSHALL
WARREN
KNOX
HENDERSON
PEORIA
WOODFORD
LIVINGSTON
IROQUOIS
TAZEWELL
MC LEAN
FORD
MC DONOUGH
FULTON
HANCOCK
MASON
LOGAN
DE WITT
CHAMPAIGN
VERMILION
SCHUYLER
CASS
MENARD
PIATT
ADAMS
BROWN
MACON
MORGAN
SANGAMON
DOUGLAS
PIKE
SCOTT
MOULTRIE
EDGAR
CHRISTIAN
COLES
GREENE
SHELBY
CLARK
MACOUPIN
MONTGOMERY
CUMBERLAND
CALHOUN
JERSEY
EFFINGHAM
JASPER
CRAWFORD
FAYETTE
BOND
MADISON
CLAY
LAWRENCE
MARION
RICHLAND
CLINTON
ST. CLAIR
WAYNE
EDWARDS
WABASH
WASHINGTON
MONROE
JEFFERSON
RANDOLPH
PERRY
HAMILTON
WHITE
FRANKLIN
JACKSON
GALLATIN
WILLIAMSON
SALINE
UNION
JOHNSON
POPE
HARDIN
ALEXANDER
PULASKI
MASSAC

WELL COMPLETIONS REPORTED FROM MAY 28, 1977 TO JULY 1, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WF) is more than 1½ miles from production.

ADAMS COUNTY

2N, 5W

18, SE SW SW. Alfred A. Albers #1A Albers. Abd. loc. WF

BOND COUNTY

5N, 4W

15, 406'NL, 590'EL, SE SW. Sam Parker #5 Donk. Spd. 5-21-77. Comp. 6-8-77. TD 626'. D&A. Pennsylvanian, top 570 (aaprox.). Old Ripley.

BROWN COUNTY

2S, 4W

Irr. 4, 660'NL, 330'WL, NE NE. Claude McElvain #1-M McNeff. Spd. 3-3-77. Comp. 5-13-77. TD 687'. D&A. Maquoketa, top 683'. Buckhorn.

CLARK COUNTY

10N, 11W

4, SE SE NW. W. A. Corley #1 Leland Miller. Spd. 5-10-77. Comp. 5-17-77. TD 2410'. D&A. Devonian, top 2355' (approx.) WF.

4, NE SE NW. W. A. Corley #2 Leland Miller. Spd. 5-11-77. Comp. 5-17-77. TD 2385'. D&A. Devonian, top 2365'. WF.

10N, 13W

30, NW SE SE. M. C. Milam #1 Frank Morgan. Spd. 3-2-77. Comp. 5-31-77. TD 2900'. IP 38 BOP. Trenton, top 2820', mca & frac. Martinsville.

30, SW NE NE. Pioneer Oil Co. #1A Shanks & Morgan Farm. Spd. 2-20-77. Comp. 4-17-77. TD 3154'. IP 38 BOP/2 BW. Trenton, top 2814', acid & frac. Martinsville.

Irr. 31, 330'NL, 990'WL, NE SW. Partlow & Cochonour 1A Belva Turner. Spd. 4-9-77. Comp. 5-24-77. TD 2890'. IP 50 BOP/tr. wtr. Trenton, top 2742', mca & acid. Martinsville.

10N, 14W

23, NE SW NE. Stim Oil Co., Inc. #1 Robert B. Brown. OWWO. Was Glenn E. Bennett #2 Burriss. Was plugged and abandoned Carper producer, OTD 1466'. Comp. 10-22-57. Recomp. 6-8-77. COTD 1360'. Temp. abd. Borden, top 935'. Johnson North.

CLAY COUNTY

2N, 8E

9, C S/2 SE SW. GAB Oil Co., Inc. #1 Buchanan. Spd. 5-10-77. Comp. 5-27-77. TD 3665'. IP 78 BOP/10 BW. Salem, top 3563', mca. Clay City Consol.

CLAY COUNTY (continued)

3N, 5E

36, NW SW NW. Crossroads Oil, Inc. #1-B Chasteen. Spd. 10-2-76. Comp. 6-7-77. TD 2940'. IP 17 BOP/50 BW. Spar Mountain, top 2894', mca and frac. Kenner.

3N, 7E

33, 450'SL, 330'EL, NW NE. C.E.R. Production Co. #1 Bratton. Spd. 10-12-76. Comp. 4-26-77. TD 3058'. IP 23 BOP. Spar Mountain, top 3016', acid, mca and frac. Sailor Springs Consol.

4N, 6E

17, SW SW SE. McKinney Oil Producer, Inc. #1 Stanley. Spd. 5-16-77. Comp. 6-4-77. TD 2804'. IP 30 BOP/0 BW. McClosky, top 2786', mca. Louisville.

20, NE NE SW. McKinney Oil Producer, Inc. #3 I. Allen. Spd. 5-10-77. Comp. 5-14-77. TD 2830'. D&A. McClosky, top 2817'. Louisville.

20, NE NE NW. McKinney Oil Producer, Inc. #1 Arnold. Spd. 5-6-77. Comp. 5-28-77. TD 2800'. IP 50 BOP/0 BW. McClosky, top 2790', nat. Louisville.

20, NW NW NE. McKinney Oil Producer, Inc. #1 Kincaid-Stanley Comm. Spd. 5-22-77. Comp. 5-26-77. TD 2816'. D&A. Ste. Genevieve, top 2765'. Louisville.

20, NE NW NW. Hanson Oil Co., Inc. #1 Smith. Spd. 5-31-77. Comp. 6-4-77. TD 2811'. D&A (SO). McClosky, top 2796'. Louisville.

4N, 7E

14, SW NE SE. Hanson Oil Co. #2 Odell Comm. Spd. 3-23-77. Comp. 6-14-77. TD 3012'. D&A. McClosky, top 2950'. Sailor Springs Consol.

35, SW NW NW. Petro-Search Assoc., Inc. #1 Busby-Tooley. Spd. 5-10-77. Comp. 6-29-77. TD 3020'. IP 38 BOP/4 BW. Aux Vases, top 2852', frac. Sailor Springs Consol.

36, SW SW SE. Woodrow Franklin #1-A R. Franklin. Spd. 6-1-75 (est.). Comp. 6-30-75 (est.). TD 2978'. D&A. Ste. Genevieve, top 2940' (approx.). Sailor Springs Consol. (This well was erroneously run as abd. loc. in the July 1976 Drilling Report.)

36, SW NW SE. Woodrow Franklin #3-A R. Franklin. Spd. 11-10-76 (est.). Comp. 12-20-76 (est.). TD 2960'. D&A. Spar Mountain, top 2955' (approx.). Sailor Springs Consol.

CLINTON COUNTY

1N, 1W

20, SE SW SE. George E. Kuhn #1 Maroon-Koelling and Schaeffer-Gerstkemper Comm. OWWO. Was Max Williams #2 Alvin Schaeffer. Was D&A. OTD 1315'. Comp. 5-19-65. Recomp. 12-26-76. COTD 1317'. Temp. abd. Cypress, top 1306'. Wamac West.

CLINTON COUNTY (continued)

1N, 3W

29, 1680'NL, 940'WL, SE. John F. Dunnill #1 Catholic Ch. Belleville Diocese. Spd. 6-3-77. Comp. 6-6-77. TD 1330'. D&A. Ste. Genevieve, top 1260' (approx.). WN - Santa Fe.

2N, 3W

15, 330'NL, 430'WL, NE NE. R. Wilken; G. Buss; W. Smith #1 H. Haumesser. Spd. 12-1-76. Comp. 4-14-77. TD 1064'. IP ½ BOP/0 BW. Golconda, top 948', acid. Carlyle.

3N, 1W

13, NW SE SE. Elmer Oelze, Jr. #1 Kreitler. OWDD. Was J. W. Alexander et al. #2 C. Kreitler. Was plugged Bethel producer. OTD 1478'. Comp. 10-17-50. Recomp. 10-2-76. DTD 4045'. IP 19 BOP. Trenton, top 3972'. Fairman. (This well was reported in error in October 1976 Drilling Report as deepening of Alexander #1 Kreitler.)

COLES COUNTY

12N, 14W

4, C W/2 SE SE. John Carlson #1 Ruth & William Link. Spd. 12-1-76. Comp. 5-31-77. TD 760'. D&A. Mississippian, top 478'. WF.

CRAWFORD COUNTY

5N, 12W

Irr. 2, 330'SL, 330'WL, NE SW. M. L. Rich #1 Miles Wilfred Maxwell. Spd. 9-1-76 (est.). Comp. 12-1-76 (est.). TD 990'. Gas well, IP not available. Pennsylvanian, top 604', nat. Main Consol.

5N, 13W

1, NE NW NW. Energy Resources of Indiana, Inc. #14 Baldwin-Valdez Comm. Spd. 1-2-77. Comp. 6-14-77. TD 4004'. IP 52 BOP. Trenton, top 3841', acid and frac. Main Consol.

2, 1010'NL, 998'WL, SE. Energy Resources of Indiana, Inc. #8 Richart Heirs. Spd. 2-24-77. Comp. 6-7-77. TD 1421'. IP 3 BOP/some water. Robinson, top 854', frac. Main Consol.

3, NE SE SE. Reinhold Oil Producers #1 R. Freeman. Spd. 3-22-77. Comp. 4-19-77. TD 2786'. D&A. Robinson, top 1000'. Main Consol.

6N, 12W

Irr. 15, 330'SL, 330'EL, NW NW. Bellair Oil Co. #2 Jimmie A. Watts. Spd. 5-18-77. Comp. 5-31-77. TD 1590'. D&A. Aux Vases, top 1567'. Main Consol.

31, NW NW SE. Jack J. Grynberg #1 Lester Highsmith. Spd. 10-2-75. Comp. 1-22-76. TD 3425'. IP 15 BOP/135 BW. Robinson, top 985', nat. Main Consol. (This well was erroneously run as an OWDD temp. abd. in the February 1977 Drilling Report.)

CRAWFORD COUNTY (continued)

6N, 13W

34, NW SW SE. E. L. Whitmer, Inc. #2 Sloan. Spd. 2-5-77. Comp. 5-31-77. TD 1656'. IP 5 BOP/24 BW. Robinson, top 976', frac. Main Consol.

7N, 12W

10, 394'SL, 330'EL, SW NW. Mason Oil Co. #11 Floyd R. & Norma I. Osborn. Spd. 4-16-77. Comp. 5-31-77. TD 1100'. IP 15 BOP. Robinson, top 1030', frac. Main Consol.

19, 150'SL, 330'EL, NE SE. Logan Oil Co. #1 Kirk Comm. Conversion. Was Salem producer. Comp. 5-15-76. COTD 1844'. SWD. Robinson, top 930'; Salem, top 1841'. Main Consol.

19, 430'SL, 360'EL, SW SE. Logan Oil Co. #2 O. Walters. Conversion. Was Salem producer. Comp. 5-21-77. COTD 1814'. SWD. Salem, top 1800'. Main Consol.

7N, 13W

21, 90'NL, 200'EL, SE. Marathon Oil Co. CT #1 Levi Henry Acct. #1. Spd. 5-10-76. Comp. 5-14-76. TD 1028'. Oil well, IP not available. Robinson, top 980', nat. Main Consol.

21, 71'NL, 424'EL, SE. Marathon Oil Co. MM-701 Levi Henry Acct. #1. Spd. 5-21-76. Comp. 5-28-76. TD 1027'. Oil well, IP not available. Robinson, top 980', nat. Main Consol.

21, 61'NL, 426'EL, SE. Marathon Oil Co. MM-702 Levi Henry Acct. #1. Spd. 5-28-76. Comp. 6-3-76. TD 1027'. Oil well, IP not available. Robinson, top 981', nat. Main Consol.

8N, 12W

32, NE NE SW. Bellair Oil Co. #1 Richards-Novosel. Spd. 2-16-77. Comp. 5-31-77. TD 1082'. IP 10 BOP. Robinson, top 1010', frac. Main Consol.

8N, 13W

25, 1'SL, 660'WL, NE SE. Used Oilfield Equipment BW-1 R. A. Biddle. Abd. loc. Main Consol.

25, C NW SE. Used Oilfield Equipment #W-2 John Patelski. Spd. 8-20-75. Comp. 9-10-75. TD 1024'. Water input. Robinson, top 991'. Main Consol.

25, C SW NE. Used Oilfield Equipment #u-1 Floyd & Julia Wagoner. Abd. loc. Main Consol.

CUMBERLAND COUNTY

9N, 11E

19, 330'NL, 380'WL, NE. B. R. & B. Oil Co. #2 M. Norton. Spd. 3-15-77. Comp. 4-10-77. TD 1032'. D&A. Cypress, top 1015' (approx.). WN - Oak Point West.

EDGAR COUNTY

12N, 13W

5, SE SE NE. Earnest Zink #1 Bright. Spd. 5-6-77. Comp. 5-16-77. TD 550'. IP 125 MCFG/D. Pennsylvanian, top 440'. Grandview.

5, SW SE NE. Earnest Zink #2 Bright. Spd. 4-20-77. Comp. 4-29-77. TD 535'. IP est. 350 MCFG/D. Pennsylvanian, top 435'. Grandview.

12N, 14W

14, NE NE NW. Earnest Zink #3 Wheeler. Spd. 7-23-76. Comp. 7-25-76. TD 444'. Gas well, IP not available. Isabel (Pennsylvanian), top 436', nat. Inclose. (This well was erroneously run as D&A in the December 1976 Drilling Report.)

13N, 13W

33, 800'SL, 60'EL, SW. Earnest Zink #10 Clapp. Spd. 1-10-76. Comp. 1-25-76. TD 595'. D&A. Pennsylvanian, top 583'. Grandview.

EDWARDS COUNTY

1N, 10E

Irr. 5, 330'SL, 330'WL, SE NW. Spartan Petroleum Co. #1 Clyde Shelby. Spd. 5-15-77. Comp. 5-26-77. TD 4160'. D&A. Ullin, top 4110'. WN - Maple Grove Consol.

17, SW SE NE. A.L.K. Oil Co. #1 Richard Knackmuhs. OWWO. Was J. E. Bauer #1 Knackmuhs. Was D&A (SO). OTD 3299'. Comp. 6-11-46. Recomp. 6-21-77. COTD 3301'. D&A. McClosky, top 3297'. Maple Grove Consol.

Irr. 18, 990'NL, 330'WL, NE NW. R. Michael Harris, Inc. #1-B Nellie R. Van Schoick. Spd. 5-24-77. Comp. 6-9-77. TD 5220'. D&A. Devonian, top 5160' (approx.). Maple Grove Consol.

22, 330'NL, 380'WL, SE SE. Spartan Petroleum Co. #2 Leonard Garnan. Spd. 4-10-77. Comp. 5-31-77. TD 4175'. IP 20 BOP/40 BW. Ullin, top 4143'. Samsville West. NEW PAY IN FIELD.

EFFINGHAM COUNTY

6N, 7E

28, SW NW NE. Ken-Tex Oil Corp. #D-4 A. Joergens. Spd. 5-13-77. Comp. 5-21-77. TD 2900'. D&A. McClosky, top 2875' (approx.). Sailor Springs Consol.

8N, 4E

Irr. 6, 330'NL, 330'WL, NE NW NW. Tri-Star Producing, Inc. #1 Doty-Sproat. Spd. 3-25-77. Comp. 6-21-77. TD 3170'. IP 65 BOP. Sylamore (Devonian), top 3104'. Louden.

9N, 4E

31, 330'NL, 530'WL, SE. Tri-Star Producing, Inc. #2 Maxfield. Spd. 4-1-77. Comp. 6-21-77. TD 3172'. IP 100 BOP plus. Sylamore (Devonian), top 3118'. Louden.

FAYETTE COUNTY

8N, 3E

4, SE SE SE. Lowell Redman #1 Roy Julius. Spd. 3-23-77. Comp. 4-3-77. TD 3248'. D&A. Devonian, top 3156'. Louden.

9N, 3E

29, SW SE SW. Thornton R. Blackwell #1 B. Evans. OWWO. Was Phillips Pet. Co. #1 Evans "C". D&A. OTD 3303'. Comp. 3-9-75. Recomp. 4-26-77. COTD 900'. D&A-lost hole. WF.

29, SE SE SW. Thornton R. Blackwell #2 Burl Evans. Spd. 5-25-77. Comp. 6-3-77. TD 3504'. D&A. Geneva, top 3425'. WF.

35, NE NE SW. James A. Southerland #3 Anderson. Spd. 4-18-76. Comp. 6-14-76. TD 1658'. IP 75 BOP. Benoist, top 1620', mca and frac. Louden.

36, 330'SL, 370'WL, SE NE. E. C. Reeves #1 Coin. Spd. 5-31-77. Comp. 6-3-77. TD 1701'. D&A. Benoist, top 1680'. Louden. (This well was erroneously run as abd. loc. in May 1977 Drilling Report.)

FRANKLIN COUNTY

5S, 3E

3, SW SW NE. David F. Merley #1 Cochrane. Spd. 5-6-77. Comp. 5-24-77. TD 3951'. D&A. Ullin, top 3801'. Ewing.

5S, 4E

16, 330'NL, 980'WL, SW NW. C. E. Brehm Drilling & Prod. #1 Ingram Comm. Abd. loc. Taylor Hill.

16, NE NW NE. C. E. Brehm Drlg. & Prod. #1 Webb. Abd. loc. Taylor Hill.

7S, 3E

32, 330'SL, 300'EL, NW SW. Joe A. Dull #1B Drone. Spd. 4-16-76. Comp. 5-22-76. TD 2790'. IP 18 BOP/10 BW. Aux Vases, top 2771', frac. West Frankfort Consol.

32, 295'NL, 310'EL, SW SW. Joe A. Dull #2-B Drone. Conversion. Was dry hole, temp. abd. Comp. 7-13-76. OTD 2851'. Recomp. 7-20-76 (est.). COTD 1190' (approx.). Pennsylvanian, top 1112'. West Frankfort Consol.

GALLATIN COUNTY

9S, 10E

11, NW SW NE. Richard W. Beeson #1 Agrarian Ent. Spd. 11-29-76. Comp. 6-21-77. TD 2862'. D&A. McClosky, top 2758'. Fehrer Lake.

HAMILTON COUNTY

5S, 5E

34, SE SE SW. Juniper Petro. Corp. #48-34 Clark-Managhin. Spd. 3-1-77. Comp. 5-20-77 (est.). TD 4230'. D&A (clean out to 3404 and convert to SWD). Cypress, top 2940'; McClosky, top 3394'. Rural Hill North.

HAMILTON COUNTY (continued)

5S, 7E

33, NW SE SW. South Eastern Oil Prod. Co., Inc. #1 Julius Thompson. Spd. 5-5-77. Comp. 5-31-77. TD 3316'. D&A. McClosky, top 3259'. WN - Hoodsville East.

6S, 5E

3, NW NE NW. Juniper Petro. Corp. #31-3 Clark et al. Spd. 2-11-77. Comp. 5-25-77. TD 4454'. IP 11 BOP/42 BW. Ullin, top 4216', acid. Rural Hill North.

6S, 6E

12, NW NE SW. Texaco Inc. 20-#1 Dale Unit Tr. Water input well work-over. Was Bethel and Aux Vases water input. Comp. 5-30-77. COTD 3067'. Water input. Cypress, top 2748'; Bethel, top 2930'; Aux Vases, top 3026'. Dale Consol.

6S, 7E

28, C E/2 NW SE. Duke Resources Corp. #2 Bonan. Spd. 5-27-77. Comp. 6-7-77. TD 4302'. D&A. Ullin, top 4200' (approx.). WN - Broughton.

JACKSON COUNTY

8S, 2W

20, SE SE NE. Emerson Ent., Inc. #1 William F. Herring. Spd. 5-20-77. Comp. 6-7-77. TD 1947'. D&A. Spar Mountain, top 1814'. WF.

JASPER COUNTY

7N, 10E

22, 370'SL, 330'WL, NE. J. E. Brown #1 Hume-Burton-Marshall Comm. OWWO. Was C. B. & M. Oil Co. #1 Hume-Burton-Marshall Comm. Was D&A. OTD 3033'. Comp. 8-16-66. Recomp. 9-16-76. COTD 2850'. D&A. McClosky, top 2709'. Clay City Consol.

LAWRENCE COUNTY

2N, 12W

11, NW NE SE. Frances Gillespie #9 Buchanan. Spd. 10-19-74. Comp. 6-21-77. TD 1300'. Waterflood producer, IP not available. Biehl, top 1270' (est.). Lawrence.

11, SW NE SE. Frances Gillespie #10 Buchanan. Spd. 10-23-74. Comp. 6-21-77. TD 1300'. Waterflood producer, IP not available. Biehl, top 1268' (est.). Lawrence.

11, SE NE SE. Frances Gillespie #11 Buchanan. Spd. 10-13-74. Comp. 6-21-77. TD 1300'. Waterflood producer, IP not available. Biehl, top 1272' (est.). Lawrence.

11, 430'NL, 330'EL, SE NE. Frances Gillespie #14 Ridgley. Spd. 4-9-75. Comp. 5-24-77. TD 3450'. Waterflood producer, IP not available. Biehl, top 1236'; Cypress, top 1642'. Lawrence.

22, SE NE NE. Wayne Smith, Operator, Inc. #1 Virgil Deckard. Spd. 5-19-77. Comp. 5-25-77. TD 1856'. D&A. Cypress, top 1790' (approx.). Allendale.

LAWRENCE COUNTY (continued)

3N, 11W

32, NW SW SE. Raymond A. Messman #1 Clarence Akin et al. Spd. 10-13-76. Comp. 3-16-77. TD 2337'. D&A. Salem, top 2268'. Lawrence.

3N, 12W

26, 300'SL, 20'WL, NE NE. Wayne Smith, Operator, Inc. #W 1 R George Leighty. Spd. 5-12-77. Comp. 5-17-77. TD 1330'. D&A. Biehl, top 1310' (approx.). Lawrence.

4N, 12W

19, 50'SL, 660'EL, SW. Marathon Oil Co. #MB-21 C. S. Berkshire. Spd. 8-30-76. Comp. 9-30-76 (est.). TD 920'. Water input. Bridgeport, top 805'. Lawrence.

29, 46'SL, 660'EL, SW. Marathon Oil Co. #VB-29 J. B. Lewis. Spd. 11-30-76. Comp. 5-1-77 (est.). TD 1135'. Water input. Bridgeport, top 928'. Lawrence.

4N, 13W

24, SE SW SW. C.E.R. Production Co. #2 Miller. Spd. 11-18-76. Comp. 6-14-77. TD 1925'. IP 35 BOP. McClosky, top 1890', acid. Lawrence.

5N, 11W

29, 387'NL, 387'WL, NE SE. Columbo Ent. #1 R. Riker. Spd. 4-16-77. Comp. 5-20-77 (est.). TD 980'. Temp. abd. Robinson, top 980'. Main Consol.

MADISON COUNTY

6N, 6W

34, NE NE NE. Howard E. Cleff #2 Mae Olive Leitch. OWWO. Was S. B. Schenk #2 Oliva Leitch. Was D&A. OTD 620'. Comp. 10-21-52. Recomp. 3-23-77. COTD 571'. IP ½ BOP/50 BW. Pennsylvanian, top 550'. Livingston South.

MARION COUNTY

1N, 2E

16, SW NE SE. Ego Oil Co., Inc. #1 Fricke. OWWO-OWDD. Was C. R. Winn #1 Fricke. Was D&A. OTD 2173'. Comp. 1-7-58. Recomp. 10-31-76. DTD 2528'. IP 3½ BOP/100 BW. St. Louis, top 2314', acid; Salem, top 2510', acid. Salem Consol.

34, NE NE SE. Peter S. Smalley #2 Hester. Spd. 8-15-76. Comp. 3-16-77. TD 2648'. D&A. Salem, top 2505'. Salem Consol.

2N, 2E

20, 1019'SL, 382'EL, SW. Texaco, Inc. #34 M. Young Heirs, Salem Unit O/A Tract 34. Conversion. Was the Ohio Oil Co. #34 Matthew Young Hrs. Was Devonian producer deepened to Trenton producer. Recomp. as St. Louis-Salem producer, converted to Aux Vases water input. Comp. 6-7-77. COTD 2240'. IP 4 BOP/247 BW. Salem, top 2165'. Salem Consol.

MARION COUNTY (continued)

3N, 2E

34, NE NW NE. Collins Bros. Oil Co. #1 Mildred Fuld. Spd. 4-16-77. Comp. 4-30-77. TD 3808'. D&A. Devonian, top 3665' (est.). WN - Tonti.

4N, 1E

26, NE SW SW. Fred Seip #4 L. P. Hill. Spd. 5-14-77. Comp. 6-21-77. TD 1374'. IP 25 BOP. Cypress, top 1360', shot. Patoka East.

32, SE SE SW. Caliente Oil Co. #1 Jake Davis et al. Spd. 6-8-77. Comp. 6-9-77. TD 1484'. D&A. Benoist, top 1479'. WN - Patoka South.

MONROE COUNTY

2S, 10W

11, SE SW NE. John W. Kelly #2 Ralph Kolmer. Spd. 10-15-76. Comp. 10-18-76. TD 410'. Oil well, IP not available. Trenton, top 410'. Waterloo.

MONTGOMERY COUNTY

8N, 5W

22, NW SE NE. MP Gas & Oil Exploration #1 Ferrari. Spd. 9-20-67. Comp. 9-25-67. TD 630'. IP not available. Pennsylvanian, top 625'. Litchfield South.

22, NE SW NE. MP Gas & Oil Exploration #2 Ferrari. Spd. 10-18-67. Comp. 10-18-67. TD 650'. IP not available. Pennsylvanian, top 626'. Litchfield South.

22, NW SW NE. MP Gas & Oil Exploration #3 Ferrari. Spd. 10-23-67. Comp. 10-28-67. TD 635'. IP not available. Pennsylvanian, top 609'. Litchfield South.

11N, 5W

31, SE SW NE. M & N Oil Co. #1-A Street. Spd. 5-25-77. Comp. 6-7-77. TD 617'. Oil well, IP not available. Pennsylvanian, top 612', frac. Waggoner.

12N, 5W

17, NE NE SW. George Ankario #1 Deal. Abd. loc. WF.

PERRY COUNTY

4S, 4W

36, NE NW SW. James H. Donnewald #1 Blythe. Spd. 6-1-77. Comp. 6-4-77. TD 1550'. D&A. Ste. Genevieve, top 1500' (approx.). WF.

RICHLAND COUNTY

3N, 9E

Irr. 31, 330'NL, 330'WL, SE SE. Donald L. Lewis #1 J. Brown. Spd. 2-9-77. Comp. 2-16-77. TD 3179'. D&A. St. Louis, top 3150' (approx.). WN - Schnell.

RICHLAND COUNTY (continued)

3N, 14W

33, SW SW SW. Dr. Kent L. Wattleworth & Walter L. Bunn #1 O. Griesmer. OWWO. Was Mohawk Drlg. #1 R. P. McNair. Was D&A (SO). OTD 3137'. Comp. 3-29-44. Recomp. 6-21-77. TD 70'. Junk in hole-Abd. Parkersburg Consol.

4N, 14W

26, NE SW SW. C E R Prod. Co. #1 G. Ginder. Spd. 7-24-76. Comp. 1-1-77. TD 3021'. Temp. abd. Ste. Genevieve, top 2935'. Hadley. (This well was erroneously run as a producer in the March 1977 Drilling Report.)

SALINE COUNTY

7S, 5E

30, SW NW NE. C. E. Brehm Drlg. & Prod. #2 Gill-William Comm. Conversion. Was Aux Vases producer. Comp. 7-1-76. COTD 3151'. Water input. Aux Vases, top 3138'. Dale Consol.

8S, 5E

27, 720'SL, 330'EL, NE SE. Roy W. Powers #1 Mary E. Reynolds. Spd. 3-24-77. Comp. 5-24-77. TD 3054'. IP 52 BOP/20 BW. Cypress, top 2627', frac. Harco East.

8S, 6E

15, 330'NL, 680'WL, NW. Pacific Exploration #1 Guest. Spd. 10-23-75 (est.). Comp. 10-30-75 (est.). TD 2670'. D&A. Cypress, top 2620' (approx.). Raleigh. (This well was erroneously run as a producer in the May 1976 Drilling Report.)

15, 330'NL, 750'WL, NW. Pacific Exploration Corp. #1A Guest. Spd. 12-20-75. Comp. 4-15-76. TD 3028'. IP 24 BOP/4 BW. Aux Vases, top 2952', frac. Raleigh.

SANGAMON COUNTY

16N, 2W

35, NE NW NE. Gerald Potter #1 Brock. Spd. 5-20-77. Comp. 6-7-77. TD 1785'. D&A. Silurian, top 1757'. WF.

WABASH COUNTY

2N, 11W

32, 330'NL, 510'WL, NW. RK Petro. Corp. #1 Warner Buchanan. Spd. 5-25-77. Comp. 5-31-77. TD 2850'. D&A. Salem, top 2468'. Allendale.

1S, 12W

8, 300'SL, 330'WL, NE. The Superior Oil Co. #2 J. H. Zimmerman. Conversion. Was Cypress water input. Comp. 6-3-77. COTD 2064'. Water input. Biehl, top 1552'; Cypress, top 2032'. Mt. Carmel.

Irr. 19, 430'NL, 330'EL, NW NE. Spartan Petro. Co. #1 Tennes "B" Unit. Spd. 4-20-77. Comp. 6-14-77. TD 3078'. IP 20 BOP/60 BW. Cypress, top 2049', mca. Mt. Carmel.

WABASH COUNTY (continued)

1S, 13W

Irr. 14, 660'SL, 330'WL, SE SE. Spartan Petro. Co. #2 Robert Pfieffer. Abd. loc. New Harmony Consol.

2S, 13W

Irr. 5, 330'SL, 330'EL, SW SE. Universal Operating, Inc. #1 Grace Joachim. Conversion. Was Bump Oil Co. #1 Grace Joachim. Was Cypress and Bethel producer. Comp. 6-15-77. COTD 2563'. Water input. Cypress, top 2416'; Bethel, top 2538'. New Harmony Consol.

WASHINGTON COUNTY

2S, 1W

9, NW NE SE. Cecil W. Newcomb #1 Ralph Schnake. OWWO-OWDD. Was Cecil W. Newcomb #1 Ralph Schnake. Was D&A. OTD 1642'. Comp. 12-23-76. Recomp. 5-14-77. DTD 3325'. D&A. Devonian, top 3275'. WN - Richview.

WAYNE COUNTY

1N, 7E

35, NW SE NW. Richard W. Beeson #5 Harold Barnard. Spd. 3-28-77. Comp. 6-7-77. TD 3105'. IP 75 BOP. Spar Mountain, top 3099', mca and acid. Clay City Consol.

1N, 8E

Irr. 2, 330'SL, 660'WL, NE SW. Republic Oil Co., Inc. #4 Shackleford. Spd. 4-20-77. Comp. 5-15-77. TD 3365'. IP 35 BOP/2 BW. Ohara, top 3095', acid. Clay City Consol.

9, SE SE SW. Hanson Oil Co., Inc. #1 Obrecht. Spd. 5-25-77. Comp. 6-2-77. TD 3650'. D&A. Salem, top 3380' (approx.). Clay City Consol.

1N, 9E

22, SW NE SE. Energy Resources #5 P M Weber. Spd. 2-24-76. Comp. 8-10-76. TD 4057'. IP 25 BOP/30 BW. Salem, top 3910'; Ullin, top 4050', acid. Maple Grove Consol. ULLIN NEW PAY IN FIELD. (Was run in September 1976 Drilling Report as a producer from the Aux Vases only.)

2N, 7E

23, NW NE NE. John M. Zanetis #5 Broyles. Spd. 4-26-77. Comp. 5-23-77. TD 3623'. IP 50 BOP/100 BW. Salem, top 3534', acid. Clay City Consol.

24, SW SW SW. Union Oil Co. of Calif. #5 Lafayette Gill. Spd. 5-16-77. Comp. 6-24-77. TD 3640'. IP 123 BOP/134 BW. Aux Vases, top 2893', frac.; Salem, top 3300', acid. Clay City Consol.

35, SE NW SW. Union Oil Co. of Calif. #1 George Hearn. OWWO & OWDD. Was Pure Oil. Was D&A. OTD 3090'. Comp. 10-26-43. Recomp. 5-24-77. DTD 3855'. D&A. Warsaw, top 3796'. Clay City Consol.

WAYNE COUNTY (continued)

2N, 8E

21, C E/2 SW SW. Santoro Oil Co., Inc. #1 Skelton. Spd. 1-2-77. Comp. 5-24-77. TD 3757'. IP 82 BOP. Spar Mountain, top 3024', mca. Clay City Consol.

25, 660'NL, 330'WL, NE NW. Russell E. McDowell #2 G. Wilson. OWWO & OWDD. Was J. W. Rudy #1 M. Wilson C. Was D&A. OTD 3056'. Comp. 7-21-53. Recomp. 6-27-74. DTD 3850'. D&A. Salem, top 3410' (approx.). Clay City Consol.

29, NW NE NE. Louis H. Kapp, Jr. #1 Clarence Hosselton. OWWO & OWDD. Was Don Slape #2 S. O. Hosselton. Was D&A. OTD 3073'. Comp. 2-3-48. Recomp. 6-7-77. DTD 3695'. D&A. Salem, top 3380'. Clay City Consol.

1S, 5E

7, SW SW SW. Louis H. Kapp, Jr. #1 Bert Minor. Spd. 6-6-77. Comp. 6-15-77. TD 3576'. D&A. Salem, top 3280'. WN - Coil.

26, 330'SL, 300'WL, SW. Louis A. Pessina #8 Katherina Goff. Spd. 5-3-77. Comp. 5-12-77. TD 3720'. Temp. abd. Salem, top 3466'. Keenville.

27, 585'SL, 330'WL, NW. Fletcher F. Farrar #3 Roy Reed. Spd. 3-11-77. Comp. 6-7-77. TD 3657'. IP 25 BOP/25 BW. Salem, top 3642', acid. Keenville.

28, 330'SL, 380'EL, NE. Booth Oil Co., Inc. #1 McCord. Abd. loc. Keenville.

34, 400'NL, 370'EL, NE. Louis A. Pessina #10 Katherina Goff. Spd. 5-30-77. Comp. 6-16-77. TD 3817'. D&A. Ullin, top 3760' (approx.). Keenville.

34, NE NW NE. Texaco, Inc. #7 C. L. Tutt. Spd. 5-12-77. Comp. 5-30-77. TD 3815'. IP 290 BOP/140 BW. Salem, top 3614', acid. Keenville.

1S, 6E

11, SW SE NW. Republic Oil Co., Inc. #2 Pennington. OWWO-OWDD. Was T. M. Bane #1 Kieffer Hrs. Was D&A. OTD 3060'. Comp. 11-15-54. Recomp. 6-1-77 (est.). DTD 3330'. IP 5 BOP/5 BW. McClosky, top 3164'. Johnsonville South.

11, 380'SL, 330'EL, SE. Van Fossan Assoc. #1A Don Riley. Spd. 4-13-77. Comp. 5-15-77 (est.). TD 3245'. D&A (SO). McClosky, top 3233'. Johnsonville South.

11, NE NW SW. Republic Oil Co. #1 Stevenson. Spd. 5-5-77. Comp. 6-4-77 (est.). TD 3330'. IP 10 BOP/5 BW. McClosky, top 3168', acid. Johnsonville South.

12, NE NW NW. Booth Oil Co., Inc. #1 Wilson. Abd. loc. Johnsonville Consol.

WAYNE COUNTY (continued)

1S, 6E

Irr. 12, 990'NL, 330'EL, NE NW NW. Booth Oil Co., Inc. #2 Wilson. Spd. 5-8-77. Comp. 5-14-77. TD 3255'. D&A. McClosky, top 3250'. Johnsonville Consol.

23, SE SE SW. Fletcher F. Farrar #1 Stevens-Davis. Spd. 3-15-77. Comp. 6-7-77. TD 3836'. IP 16 BOP/4 BW. Ohara, top 3154', acid & mca. Johnsonville South.

27, NW SE NE. Joe A. Dull #1 Glen Jackson. OWWO-OWDD. Was Joe Dull #1 Glenn Jackson. Was D&A, OTD 3212'. Comp. 1-23-68. Recomp. 5-1-77. DTD 3938'. D&A. Salem, top 3560' (approx.). Johnsonville Consol.

1S, 8E

13, SW NW NW. John T. Mitchell #2 Harris. Spd. 6-21-77. Comp. 6-27-77. TD 3211'. D&A. Ste. Genevieve, top 3120' (est.). Clay City Consol.

14, NE SE NW. Great American Resources #1 Gillison. Spd. 7-26-74. Comp. 8-25-74. TD 3934'. IP 70 BOP/3 BW. Salem, top 3754', acid. Clay City Consol. (Erroneously run as temp. abd. in March 1977 Drilling Report.)

2S, 8E

35, C S/2 NE NW. Bernard Podolsky #1 John R. Vaughn. Spd. 11-5-76. Comp. 6-21-77. TD 4172'. IP 8 BOP/16 BW. Salem, top 3831', mca & acid. Barnhill.

3S, 9E

15, SW SW SW. Black Hawk Resources Corp. #18-15 Earhart Comm. Spd. 1-27-77. Comp. 6-14-77. TD 4170'. IP 7 BOP/65 BW. Aux Vases, top 3242', mca & frac. Goldengate Consol.

WHITE COUNTY

3S, 14W

Irr. 31, 330'SL, 990'WL, NW. J & H Oil Co. #3-WI M.E. Glaze Estate. Conv. Was Cherry & Kidd #3 M.E. Glaze Est. Was Biehl producer. Comp. 8-15-75. COTD 1820'. Water input. Biehl, top 1812'. Phillipstown Consol.

Irr. 31, 330'SL, 430'EL, NW. J & H Oil Co. #5-WI Gray Estate. Conv. Was Rhea Fletcher #5 Gray. Was Biehl producer. Comp. 7-22-75. COTD 1836'. Water input. Biehl, top 1825'. Phillipstown Consol.

Irr. 31, NE SE NW. J & H Oil Co. #6-WS Gray Estate. OWWO-Conv. Was Rhea Fletcher #6 Gray. Was plugged and abandoned. Waltersburg producer. Comp. 6-2-65. Recomp. 7-4-75. COTD 305'. WSW. Pennsylvanian, top NA. Phillipstown Consol.

Irr. 31, 330'SL, 330'EL, NW NE. J & H Oil Co. #11 Gray Estate. Conv. Was Rhea Fletcher #11 Gray. Was Biehl producer. Comp. 7-22-75. COTD 2280' (est.). Water input. Biehl, top 1797'. Tar Springs, top 2267'. Phillipstown Consol.

WHITE COUNTY (continued)

4S, 8E

28, NE SW SW. Perry Fulk #1 Hazelip. Spd. 2-11-77. Comp. 6-18-77. TD 4385'. IP 15 BOP/100 BW. Ullin, top 4379'. Springerton South. NEW PAY IN FIELD.

28, C N/2 SE SW. Perry Fulk #1 W.L. Lewis. Spd. 12-16-76. Comp. 6-14-77. TD 3547'. IP 50 BOP/50 BW (est.). Spar Mountain, top 3498'. EXTENSION TO SPRINGERTON SOUTH.

29, 409'NL, 660'EL, SE SW. Perry Fulk #2 Mary Ward et al. Unit. Spd. 3-15-77. Comp. 5-10-77. TD 4500'. IP 40 BOP. Salem, top 4287', acid & frac. Springerton South. NEW PAY IN FIELD.

29, SE SW SW. Perry Fulk #1 Clyde Woodrow et al. Unit. Spd. 2-15-77. Comp. 5-31-77. TD 3407'. IP 6 BOP/45 BW. Aux Vases, top 3388'. Springerton South.

33, NE NE SW. RK Petro. Corp. #1 John Prince et al. Spd. 4-27-77. Comp. 5-11-77. TD 4410'. D&A. Warsaw, top 4305'. WN-Springerton South.

4S, 9E

29, NW NE SE. Louis H. Kapp, Jr. #1 Sumpter. OWWO-OWDD. Was C. E. Brehm #1 W. H. Sumpter. Was D&A, OTD 3197'. Comp. 10-20-53. Recomp. 5-20-77. DTD 4365'. D&A. Ullin, top 4130'. Sumpter North.

4S, 11E

Irr. 31, 640'SL, 1945'WL, SW. Barger Engineering, Inc. #[illegible]-3 C. T. Spencer. Spd. 8-10-76. Comp. 6-16-77. TD 3120'. Water input. Tar Springs, top 2335', Aux Vases, top 2952'. Phillipstown Consol.

4S, 14W

28, 25'SL, 15'EL, SE. Superior Oil Co. #A-30 E.H. Fitton. Conv. Was Bethel water input well. Comp. 6-12-77. COTD 2615'. IP 43 BO/127 BW. Cypress, top 2554'. New Harmony Consol.

33, 25'NL, 40'EL, SE NW. Superior Oil Co. #7 J.R. Collins. Conv. Was Bethel water input well. Comp. 5-22-77. COTD 2627'. IP 29 BOP/115 BW. Cypress, top 2581'. New Harmony Consol.

5S, 8E

9, SE NW NW. RK Petro. Corp. #2 Lucille Berberich. Spd. 4-7-77. Comp. 5-31-77. TD 4500'. IP 25 BOP/10 BW. Aux Vases, top 3374', frac. Enfield North.

9, SW SW NE. RK Petro. Corp. #9 Willard Brockett, Jr. Spd. 5-5-77. Comp. 5-31-77. TD 4403'. D&A. Ullin, top 4250'. Enfield North.

34, NE SE SW. C.E. Brehm Drlg. & Prod. #1 Allen. Spd. 6-28-76. Comp. 7-4-76. TD 3315'. D&A. Ste. Genevieve, top 3308'. WN-Enfield.

WHITE COUNTY (continued)

5S, 10E

21, SW SW NW. Eugene E. Morris #3 Frances Calvert. Spd. 5-20-77. Comp. 5-27-77. TD 3150'. D&A. Spar Mountain, top 3150'. Sterns Consol.

6S, 10E

15, C S/2 SW SW. Duke Resources, Corp. #1 Emmerson Comm. Spd. 2-16-77. Comp. 6-21-77. TD 4140'. IP 60 BOP/tr wtr. St. Louis, top 3232', mca, acid & frac. Concord Consol.

22, NE SW SW. Jim Haley Prod. Co. #1 Florence Reiling. OWWO & OWDD. Was Great Lakes Carbon Corp. #1 F. C. Reiling. Was D&A (SO), OTD 3080'. Comp. 11-9-43. Recomp. 5-27-77. DTD 4951'. D&A. Devonian, top 4898'. Concord Consol.

28, C E/2 NE NW. Jim Haley Prod. Co. #1 Mary York. Spd. 5-5-76. Comp. 10-8-76. TD 4831'. IP 75 BOP. Ullin, top 3868', frac & mca. Concord Consol.

33, NW NW NW. Duke Resources Corp. #1 C.E. Brehm. Spd. 12-13-76. Comp. 5-24-77. TD 4040'. IP 120 BOP. Ullin, top 3977', mca & frac. Concord Consol.

WILLIAMSON COUNTY

8S, 2E

34, 990'NL, 840'WL, NW. C.E. Brehm Drlg. & Prod. #3 Garrett. Spd. 7-14-76. Comp. 10-8-76. TD 2511'. D&A. Ste. Genevieve, top 2447'. WN-Whiteash.

8S, 4E

21, SE SW SW. C.E. Brehm Drlg. & Prod. #1 Aikman. OWWO. Was Ross Bartmes #1 Aikman. Was D&A. OTD 3005'. Comp. 5-5-58. Recomp. 6-22-76. COTD 3005'. D&A. Ste. Genevieve, top 2933'. Corinth.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH JUNE 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLARK COUNTY

33-11N-14W, 220'SL, 220'WL of SE. D. W. Franchot Co. #0-1 Sluss. 310'6". 5-20-77. Casey.

CLAY COUNTY

14-2N-7E, NE NE NE. Charles E. Booth #2 Hale. 3104'. 5-9-77. Clay City Consol.

2-3N-7E, SW SE NW. C. G. Hardin #1 J. O. Tolliver. 2973'. 5-26-77. Sailor Springs Consol.

2-3N-7E, 330'NL, 660'EL, SE NW. James C. Franklin #2 J. O. Tolliver, formerly C. G. Hardin. 2960'. 5-27-77. (Salt Water Disposal, formerly a producer.) Sailor Springs Consol.

3-4N-7E, SW SE SE. Kingwood Oil Co. #1 Jenkins. 2898'. 5-19-77. Sailor Springs Consol.

10-4N-7E, 660'NL, 330'EL, NE. Kingwood Oil Co. #3 McGary. 3500'. 5-23-77. Sailor Springs Consol.

35-4N-7E, SW NE SE. James C. Franklin #1 P & J Franklin Comm. 2996'. 5-14-77. Sailor Springs Consol.

35-4N-7E, SW SE SE. James C. Franklin #1 R. Franklin. 3505'. 5-11-77. Sailor Springs Consol.

35-4N-7E, 430'NL, 330'WL, SW SE. Harland D. Kincaid #1 R. Franklin. 2975'. 6-8-77. Sailor Springs Consol.

36-4N-7E, NW SE NW. Woodrow Franklin #2 J. Franklin. 3016'. 5-28-77. Sailor Springs Consol.

14-4N-8E, NE NE NE. Magnolia Petroleum Co. #1 Maggie Gumbel. 3050'. 5-4-77. Passport.

14-4N-8E, SW NE NE. Magnolia Petroleum Co. #2 Maggie Gumbel. 3045'. 5-3-77. Passport.

COLES COUNTY

10-12N-7E, NE NE SE. Will I Lewis #1 R. H. Degler. 2028'. 5-9-77. Mattoon.

22-13N-7E, SE SW SE. Development Assoc. Inc. #1 George W. Miller. 1920'. 5-12-77. Mattoon North

CRAWFORD COUNTY

Irr. 8-5N-12W, NW SW NE. Offset Development Co. #3 Earl Wesley. 1292'. 8-18-76. Main Consol.

FAYETTE COUNTY

29-8N-3E, NE SW SW. Carter Oil Co. #6 Botterbusch-Fair Unit, formerly #6 Robert E. Fair. 1556'. 6-9-77. (Water input (Bethel), formerly a producer.) Louden.

29-8N-3E, NE NW SW. Carter Oil Co. #1 Owens-Fair Unit, formerly #6 Katie Owens. 1517'. 6-9-77. (Water input (Cypress and Benoist), formerly a producer.) Louden.

31-8N-3E, NE SW SE. Carter Oil Co. #4 J. H. Smith. 1588'. 6-9-77. (Water input, formerly a producer.) Louden

GALLATIN COUNTY

6-8S-8E, 1048'SL, 330'EL NE. Nation Oil Co. #1 Thurman Woolard. 2632'. 5-19-77. Omaha.

HAMILTON COUNTY

8-6S-6E, 180'NL, 330'WL of SE SE. Calvert Drlg. Inc. #4 Marion Cox. 3285'. 6-6-77. Dale Consol.

8-6S-6E, 330'SL, 660'EL of SE. Calvert Drlg. Co. #5 Marion Cox. 3280'. 6-8-77. Dale Consol.

12-6S-6E, 986'SL, 1025'EL of NE. Texaco, Inc. #7 W. W. Daily (tract 11, Dale Unit), formerly Shell Oil Co. 3243'. 4-29-77. (Water input (Cyp), formerly a producer.) Dale Consol.

13-6S-6E, SE SE NE. Joe A. Dull #1 Pearson Comm. 3325'. 5-3-77. Dale Consol.

JASPER COUNTY

27-7N-10E, NE NE SW. C. D. Reed #1-B C. F. Dhom, formerly Walter Duncan #1. 2738'. 5-17-77. Clay City Consol.

LAWRENCE COUNTY

15-2N-13W, SW SE NW. Televest Exploration, Inc. #1 G. H. Cunningham et al. 2684'. 5-9-77. Lancaster.

21-2N-13W, 630'NL, 330'WL, NE NE. Skyline Oil & Blazer Oil & Gas #2 H. Holsen. 2713'. 5-18-77. Lancaster.

28-2N-13W, NE NW SE. H & H Oil Co. #1 Owen E. Croff, formerly Shawnee Pet. Assoc., Inc. 2526'. 6-1-77. (Water input, formerly a producer.) Lancaster.

28-2N-13W, SE SW NE. H & H Oil Co., Inc. #1 Alva Storckman. 2766'. 6-3-77. Lancaster.

23-3N-11W, 1236'NL, 520'WL, of SW NW. Steve Zanetis #6 A. Powell. 1853'. 5-23-77. Beman.

2-3N-12W, 330'NL, 825'WL, NE. Ohio Oil Co. #9 D. R. Fish. 1413'. 3-17-77. (Skeleton Log.) Lawrence.

15-3N-12W, NW NE SW. John M. Zanetis #7 Wm. Gillespie. 1834'. 4-25-77. Lawrence.

15-3N-12W, 963'NL, 462'EL, SW. Zanetis Oil Properties #11 W. H. Gillespie. 1818'. 4-19-77. Lawrence.

15-3N-12W, 330'NL, 660'WL, of SW SW. John M. Zanetis #1 E. Ross Trustee. 1873'. 5-19-77. Lawrence.

33-4N-12W, SW NE NW. Howard E. Walton #1 L. B. Litherland. 1891'. 5-9-77. Lawrence.

33-4N-12W, NW NE NW. Howard E. Walton #2 L. B. Litherland. 1654'. 5-11-77. Lawrence.

MARION COUNTY

21-1N-2E, NW NW NE. C. R. Winn #2 Hargis. 2126'. 6-6-77. Salem Consol.

21-1N-2E, SW NW NE. C. R. Winn Drlg. Co. #1 J. D. Hargis. 2128. 5-31-77. Salem Consol.

21-1N-2E, NE SE NW. E. M. Self #1 Summerville, formerly C. R. Winn. 2123'. 6-1-77. Salem Consol.

ST. CLAIR COUNTY

33-3S-7W, SE NE NW. Ed. C. Rust #1 Ed C. Rust. 250'. 5-16-77. Marissa West.

SALINE COUNTY

8-8S-7E, NE SW SE. Richard S. Thompson #1 Kittinger. 2996'. 5-19-77. Eldorado Consol.

WABASH COUNTY

18-1S-12W, 622'NL, 187'WL of NE. C. E. Skiles & Leach Bros. #5 Chas. Chapman. 2075'. 6-7-77. Mt. Carmel.

6-2S-13W, 330'SL, 544'EL of SW NE. Sohio Petroleum Co. #1 W. Frese. 2617'. 5-4-77. New Harmony Consol.

WASHINGTON COUNTY

2-2S-1W, NE NW NW. Charles T. Evans #1 Edwards Heirs. 1561'. 5-13-77. Richview.

WAYNE COUNTY

29-2N-8E, NW SW SW. Triple "B" Oil Producers, Inc. #5 F. Hosselton. 3051'. 6-1-77. Clay City Consol.

Fr. 3-1S-8E, 360'SL, 330'WL of NE. Nation Oil Co. #1-B O. W. Curry. 3161'. 5-24-77. Clay City Consol.

10-1S-8E, 660'SL, 330'WL, SE SW. T. G. Jenkins #1 Berg. 3207'. 5-14-77. Clay City Consol.

WHITE COUNTY

29-3S-8E, 330'SL, 815'EL, SW. Nation Oil Co. #1 Miller-Andrews Comm. 3373'. 5-23-77. Mill Shoals.

29-3S-8E, 330'NL, 474'WL, of SE SW. R. C. Davoust #2 Miller-Andrews Comm., formerly Nation Oil Co. 3454'. 5-25-77. (Water input (Aux Vases-permit), formerly a producer.) Mill Shoals.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet.	99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet.	101.	Underground Storage of Natural Gas in Illinois---1973 (1974).
Ill. Pet.	102.	Silurian Pinnacle Reefs and Related Oil Production in Souther Illinois (1974).
Ill. Pet.	104.	Underground Storage of Natural Gas (1975).
Ill. Pet.	105.	Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet.	106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet.	109.	Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet.	110.	Petroleum Industry in Illinois in 1975 (1976).
Cir. 458.		Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Cir. 470.		Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Cir. 482.		The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.		Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
EGN 62.		Energy Supply Problems for the 1970s and Beyond (May 1973).
		Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned
Acid — Acid treatment
BOF — Barrels of oil flowing
BOP — Barrels of oil on pump
BW — Barrels of water
C — Center
Comp. — Completed
Consol. — Consolidated
COTD — Clean-out total depth
Csg. — Casing
D & A — Dry and abandoned
Dol. — Dolomite
DTD — Drilled deeper total depth
E/2 — East $\frac{1}{2}$
EL — From the east line
Est. — Estimated
Ext. — Extension(s)
Fm. — Formation
Fr. — Fractional
Frac. — Hydraulic fracture treatment
IP — Initial production
L — Line
Loc. — Location
Ls. — Limestone
N/2 — North $\frac{1}{2}$
Nat. — Natural, no treatment
NE — Northeast $\frac{1}{4}$
NL — From the north line
NW — Northwest $\frac{1}{4}$
OTD — Old total depth
OWDD — Old well drilled deeper
OWWO — Old well worked over
PB — Plugged back
PBTD — Plugged-back total depth
R — Range
S/2 — South $\frac{1}{2}$
SE — Southeast $\frac{1}{4}$
SG — Show of gas
Sh. — Shale
SIGW — Shut-in gas well
SL — From the south line
SO — Show of oil
Spd. — Spudded
Ss. — Sandstone
SSO — Slight show of oil
SW — Southwest $\frac{1}{4}$
Swb. — Swabbing
SWD — Salt water disposal well
T — Township
TD — Total depth
Temp. abd. — Temporarily abandoned
W/2 — West $\frac{1}{2}$
WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
WL — From the west line
WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)

no. 489
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State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

No. 489
c. 1

July 1977

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THE ILLINOIS STATE
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DISCOVERIES

New Fields

None

New Pay Zones in Fields

JOHNSON NORTH. Clark County, 36-10N-14W, Trenton at 2840'.
Discovery well, Crossroads Oil, Inc. #1 Freed-Tiffin Comm., IP 15 BOP, 15 BW.

Extensions to Fields

ASHMORE EAST. Edgar County, 11-13N-14W, Pennsylvanian at 350'.
Discovery well, Earnest Zink #1 Grafton, IPF 112,000 cu. ft. gas.

MAIN CONSOLIDATED. Crawford County, 3-6N-11W, Pennsylvanian at 589'.
Discovery well, C.E.R. Production Co. #1 M. Green, Shut-in gas well.

SPRINGERTON SOUTH. White County, 34-4S-8E, Aux Vases at 3330'.
Discovery well, RK Petroleum Corp. #2 Continental Bank, IP 26 BOP.

ILLINOIS STATE
GEOLOGICAL SURVEY
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TABLE I

New Pools Discovered from August 1976 through July 1977

Pool:	County	Twp.	Rng.
August 1976			
	Enfield North: White County	5S	8E
September			
	None		
October			
	None		
November			
	Ferrin: Clinton County	2N	1W
December			
	None		
January 1977			
	None		
February			
	None		
March			
	None		
April			
	None		
May			
	None		
June			
	None		
July			
	None		

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				Production in Thousands of Barrels
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,251
Apr.	46	0	3	42	7	20	10	6	78	2,261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2,222
Dec.	90	0	5	80	15	57	15	9	161	2,238
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,272
1977										
Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	58(1)	0	1	54(1)	5	22	9	0	86	2,274
June	58(3)	0	1	54(3)	5	32	12	7	108	2,214
July	40(1)	0	1(2)	39(3)	2	26	13	3	84	2,285

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through June 1977 are from reports received directly from crude gathering companies. The figure for July 1977 is estimated.

TABLE III

Drilling by Counties, Oil and Gas, July 1977

County	Permits to Drill[o]	Total Comp.	Production Tests: New Holes Prod.	Production Tests: New Holes D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions were Prod.	Service Wells: Others	Structure Tests
Brown	-	1	-	1	-	-	-	-	-
Christian	4	-	-	-	-	-	-	-	-
Clark	14	4	4	-	-	-	-	-	-
Clay	3	7	2	2	1	-	2	-	-
Clinton	1	2	-	2	-	-	-	-	-
Coles	1	3	1	2	-	-	-	-	-
Crawford	19	17	13*	3	-	1	-	-	-
Edgar	4	2	2***	-	-	-	-	-	-
Edwards	10	6	1	5	-	-	-	-	-
Effingham	2	3	2	-	1	-	-	-	-
Fayette	3	2	-	1	-	-	1	-	-
Franklin	-	1	-	1	-	-	-	-	-
Gallatin	2	-	-	-	-	-	-	-	-
Hamilton	2	2	1	1	-	-	-	-	-
Hancock	1	-	-	-	-	-	-	-	-
Jackson	-	1	-	1	-	-	-	-	-
Jasper	3	1	1	-	-	-	-	-	-
Jefferson	2	-	-	-	-	-	-	-	-
Lawrence	4	1	-	-	-	-	1	-	-
Macon	-	1	1	-	-	-	-	-	-
Marion	6	-	-	-	-	-	-	-	-
Richland	1	-	-	-	-	-	-	-	-
St. Clair	1	1	-	1	-	-	-	-	-
Saline	1	1	-	-	-	-	-	1	-
Sangamon	1	-	-	-	-	-	-	-	-
Schuyler	1	-	-	-	-	-	-	-	-
Wabash	11	7	1	5	-	1	-	-	-
Washington	1	2	-	2	-	-	-	-	-
Wayne	27	20	10	7	-	-	1	2	-
White	16	12	3	8	-	-	1	-	-
Williamson	-	2	-	-	-	-	2	-	-
	141	99	42	42	2	2	8	3	-

*Includes 1 gas well
**Gas wells

[o]Issued by Department of Mines and Minerals, Springfield, Illinois, July 1, 1977, through July 28, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, July 1977

County	Permits to drill*	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver-sions	New Wells	Conver-sions
Champaign	2	-	-	-	-	-

In addition to the above, 19 permits to drill structure tests in connection with natural gas storage were issued.

* Issued by Department of Mines and Minerals, Springfield, Illinois, July 1, 1977, through July 28, 1977.

* * * * * * * * * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and tests holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

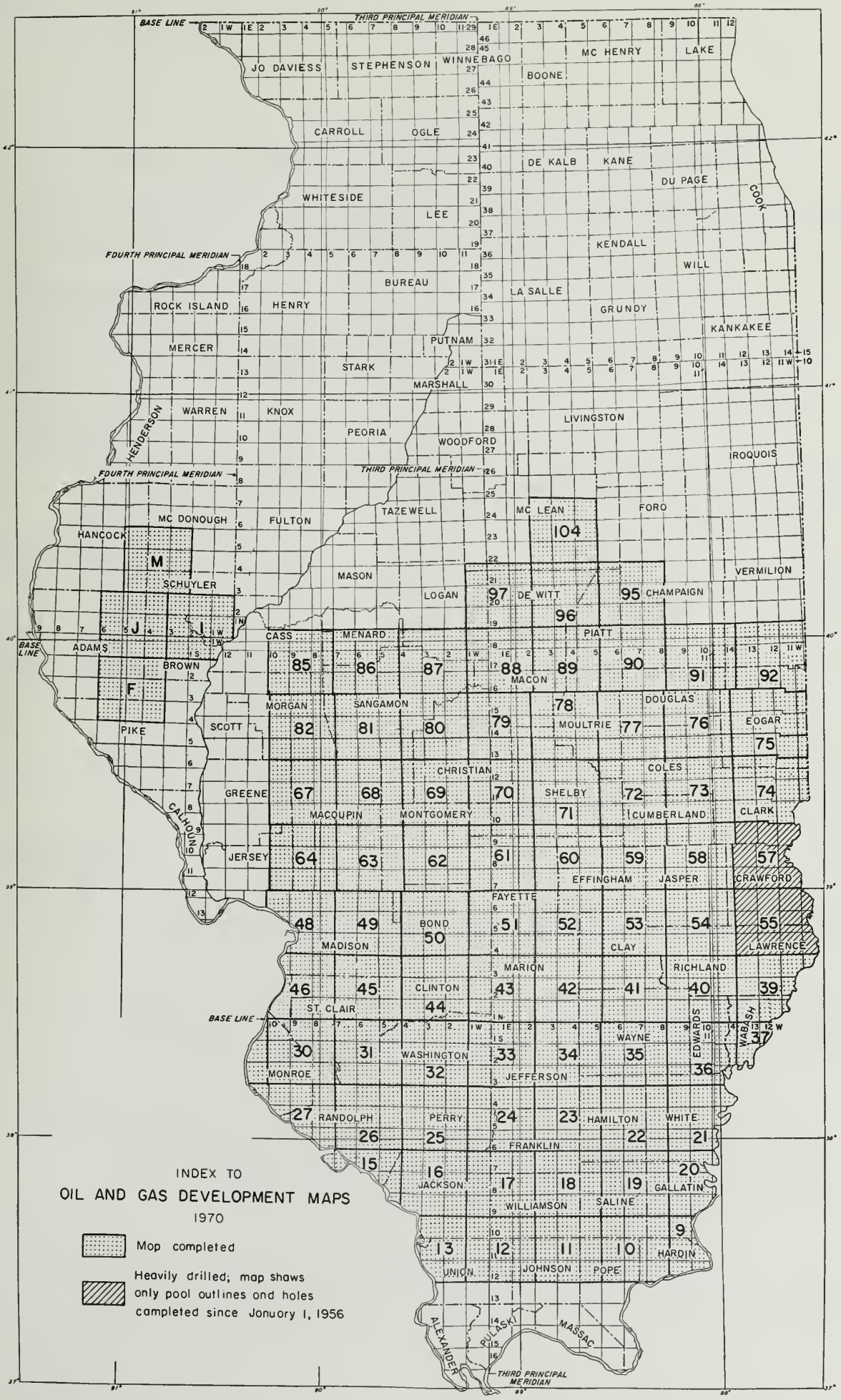
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of of January 1, 1977. Blue-line prints are available at $1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for $1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.


BASE LINE
THIRD PRINCIPAL MERIDIAN
FOURTH PRINCIPAL MERIDIAN
JO DAVIESS
STEPHENSON
WINNEBAGO
BOONE
MC HENRY
LAKE
CARROLL
OGLE
DE KALB
KANE
DU PAGE
COOK
WHITESIDE
LEE
KENDALL
WILL
BUREAU
LA SALLE
ROCK ISLAND
HENRY
GRUNDY
KANKAKEE
MERCER
PUTNAM
STARK
MARSHALL
WARREN
KNOX
HENDERSON
PEORIA
WOODFORD
LIVINGSTON
IROQUOIS
TAZEWELL
MC LEAN
FORD
MC DONOUGH
FULTON
HANCOCK
SCHUYLER
MASON
LOGAN
DE WITT
CHAMPAIGN
VERMILION
CASS
MENARD
PIATT
ADAMS
BROWN
MACON
MORGAN
SANGAMON
DOUGLAS
PIKE
SCOTT
MOULTRIE
EDGAR
CHRISTIAN
COLES
GREENE
SHELBY
CUMBERLAND
CLARK
MACOUPIN
MONTGOMERY
CALHOUN
JERSEY
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JASPER
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FAYETTE
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CLAY
LAWRENCE
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RICHLAND
CLINTON
ST. CLAIR
WAYNE
EDWARDS
WABASH
WASHINGTON
MONROE
JEFFERSON
RANDOLPH
PERRY
HAMILTON
WHITE
FRANKLIN
JACKSON
GALLATIN
WILLIAMSON
SALINE
HARDIN
UNION
JOHNSON
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ALEXANDER
PULASKI
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THIRD PRINCIPAL MERIDIAN
INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970
Map completed
Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELL COMPLETIONS REPORTED FROM JULY 2, 1977 TO JULY 29, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WF) is more than 1½ miles from production.

BROWN COUNTY

1S, 2W

15, SW NW NE. W. O. Hills #4 Thomas. Spd. 6-18-77. Comp. 7-10-77. TD 523'. D&A. New Albany, top 325' (approx.). WF.

CLARK COUNTY

9N, 13W

13, NE NE SW. James B. Orrell #7-A Vern Davison. Spd. 2-14-77. Comp. 5-10-77. TD 855'. IP 20 BOP. Pennsylvanian, top 837', frac. Melrose.

10N, 14W

24, 470'SL, 330'EL, SE. Van Fossan Assoc. #1 Frank Morgan. Spd. 3-21-77. Comp. 7-18-77. TD 3054'. IP 30 BOP/60 BW. Trenton, top 2813', acid and frac. Johnson North.

24, 330'NL, 725'EL, SE SE. Van Fossan Assoc. #2 Frank Morgan. Spd. 4-6-77. Comp. 7-12-77. TD 2892'. IP 30 BOP/30 BW. Trenton, top 2805', acid. Johnson North.

36, SW NE NE. Crossroads Oil Inc. #1 Freed-Tiffin Comm. Spd. 11-20-76. Comp. 5-31-77. TD 2900'. IP 15 BOP/15 BW. Trenton, top 2840', frac. Johnson North. NEW PAY IN FIELD.

CLAY COUNTY

2N, 7E

10, NE NE NE. John Zanetis #1-B Mix. Spd. 5-26-77. Comp. 7-12-77. TD 3628'. IP 15 BOP. McClosky, top 3060', mca and acid. Clay City Consol.

14, SW SE SW. John M. Zanetis #4 A. Stanford. Spd. 6-10-77. Comp. 7-12-77. TD 3579'. IP 200 BOP. Aux Vases, top 2954', mca and frac.; Spar Mountain, top 3048', acid; McClosky, top 3072', acid; Salem, top 3568'. Clay City Consol.

2N, 8E

13, SE NW SW. J. W. Rudy Co. #1 Elmo Dehart. OWWO-OWDD. Was G. P. Gill & Aurora #1 Coulter. Was D&A. OTD 3038'. Comp. 1-4-49. Recomp. 6-17-77. DTD 3648'. IP 15 BOP/10 BW. Spar Mountain, top 3026', acid. Clay City Consol.

4N, 6E

17, 330'SL, 395'WL, NW SW. Hanson Oil Co., Inc. #1 Pierson. Spd. 6-18-77. Comp. 6-25-77. TD 2835'. D&A. Fredonia, top 2795' (approx.). WN - Louisville.

CLAY COUNTY (continued)

4N, 6E

17, SE NE SW. McKinney Oil Producer, Inc. #1 Thompson Comm. Spd. 7-4-77. Comp. 7-7-77. TD 2846'. D&A. McClosky, top 2820'. WN - Louisville.

5N, 5E

13, C NE NW. Ralph Edwards #1 Fancher E. OWWO. Was Central Pipe Line Co. D&A. OTD 2475'. Comp. 8-31-43. Recomp. 6-28-77. COTD 2475'. Abd. loc. - twisted off tools. Iola Consol.

5N, 7E

15, SE SW NW. John B. Murvin #4 Murvin Heirs. Conversion. Was Cypress producer. Comp. 8-8-74. COTD 2490'. Water input. Cypress, top 2472'. Sailor Springs Consol.

15, NE NW NW. John B. Murvin #5 Murvin Heirs. Conversion. Was Cypress producer. Comp. 8-7-74. COTD 2500' (est.). Water input. Cypress, top 2493'. Sailor Springs Consol.

CLINTON COUNTY

1N, 1W

24, NW SW SW. Leonard Fields #1 Paul & Ruth Dodillett. Spd. 6-30-77. Comp. 7-19-77. TD 1512'. D&A. Benoist, top 1486'. WN - Wamac West.

3N, 1W

33, 330'SL, 380'WL, NE SE. C. E. Brehm Drlg. & Prod. #1 Hemminghaus Comm. Spd. 9-16-76. Comp. 10-9-76. TD 7040'. D&A. Precambrian, top 6880'. WN - Boulder East.

COLES COUNTY

12N, 7E

Irr. 2, 990'SL, 330'EL, SE. James R. Covington #5-C Oliver. Spd. 12-1-76. Comp. 5-30-77. TD 1804'. IP 30 BOP/30 BW. Cypress, top 1750', frac. Mattoon.

14N, 14W

33, NE NW SW. Harry J. Adams #1 Russell Hanner. Spd. 6-17-77. Comp. 6-28-77. TD 65'. Junk hole. Warrenton-Borton.

33, 334'NL, 990'WL, SW. Harry J. Adams #1A Russell Hanner. Spd. 6-20-77. Comp. 6-28-77. TD 451'. D&A. Pennsylvanian, top 430' (approx.). Warrenton-Borton.

CRAWFORD COUNTY

5N, 11W

3, 800'NL, 330'EL, NW SE. Prudential Oil Co. #6 Harlen Shannon. Spd. 4-1-77. Comp. 6-7-77. TD 1035'. IP 15 BOP. Pennsylvanian, top 968'; frac. Main Consol.

15, C E/2 NW SE. Crossroads Oil, Inc. #1 Wilfred Maxwell. Spd. 2-6-77. Comp. 7-12-77. TD 1030'. Temp. abd. Robinson, top 914'. Main Consol.

CRAWFORD COUNTY (continued)

5N, 13W

1, SW SW SW. Energy Resources of Indiana, Inc. #4 Due Heirs II. Spd. 12-11-76. Comp. 7-5-77. TD 1426'. IP 3 BOP/trace of water. Robinson, top 836', frac. Main Consol.

3, NE SW SE. James R. Van Buskirk #1 M. Ford. Spd. 7-5-77. Comp. 7-19-77. TD 1452'. D&A. Robinson, top 1056'. Main Consol.

6N, 11W

3, NW NW NW. C.E.R. Production Co. #1 M. Green Comm. Spd. 5-20-77. Comp. 7-19-77. TD 1533'. SIGW, IP not available. Pennsylvanian, top 589'. Main Consol. EXTENSION TO FIELD.

6N, 12W

Irr. 15, 330'SL, 330'WL, NE NW. Bellair Oil Co. #1-A Jimmie A. Watts. Spd. 12-12-76. Comp. 6-8-77. TD 1480'. IP 10 BOP. Pennsylvanian, top 985', mca and frac. Main Consol.

6N, 13W

33, 360'NL, 330'EL, SE. Louis H. Kapp, Jr. #1 George Rosborough. Spd. 5-19-77. Comp. 7-10-77. TD 4682'. D&A. Trenton, top 4500'. Main Consol.

35, NE NW SW. Lamar Properties #1-A Orville Johnson et al. Spd. 1-20-77. Comp. 6-28-77. TD 4080'. IP 15 BOP/trace of water. Trenton, top 3927'. Main Consol.

35, 400'NL, 330'WL, SE SE. Clarence Catt, Jr. #1-B George W. Jones. Spd. 12-31-76. Comp. 4-22-77. TD 4005'. IP 38 BOP. Trenton, top 3891', acid and frac. Main Consol.

35, 450'SL, 450'WL, NE. Lamar Properties #1-A F. Richart. Spd. 12-15-76. Comp. 4-28-77. TD 4010'. IP 200 BOP. Trenton, top 3927'. Main Consol.

7N, 12W

10, 447'NL, 1344'EL, NE. Mason Oil Co. #3 Charles N. Newlin. Spd. 1-10-77. Comp. 6-8-77. TD 1150'. Oil producer, IP not available. Robinson, top 1008', frac. Main Consol.

10, 1341'NL, 450'WL, NE. Mason Oil Co. #5 Charles N. Newlin. Spd. 2-1-77. Comp. 6-8-77. TD 1150'. Oil producer, IP not available. Robinson, top 1032', frac. Main Consol.

10, 1331'NL, 1344'EL, NE. Mason Oil Co. #6 Charles N. Newlin. Spd. 1-10-77. Comp. 6-8-77. TD 1150'. Oil producer, IP not available. Robinson, top 1008', frac. Main Consol.

10, 1341'NL, 448'EL, NE. Mason Oil Co. #7 Charles N. Newlin. Spd. 1-21-77. Comp. 6-8-77. TD 1150'. Oil producer, IP not available. Robinson, top 1007', frac. Main Consol.

30, 366'NL, 366'EL, NW. Jack J. Grynberg #1-B V. Cortelyou. Abd. loc. Main Consol.

CRAWFORD COUNTY (Continued)

7N, 13W

36, NW NE SE. Triple "B" Oil Prod., Inc. #2 C. J. Crebs. Spd. 5-7-77. Comp. 6-28-77. TD 969'. IP 2 BOP. Robinson, top 860', frac. Main Consol.

36, NE NE SE. Triple "B" Oil Prod., Inc. #3 C. J. Crebs. Spd. 5-4-77. Comp. 7-19-77. TD 1185'. IP 7 BOP. Robinson, top 877', frac. Main Consol.

8N, 12W

32, C SE NW. Used Oilfield Equipment #LW-1 Clarence L. Schutte. Spd. 2-3-76. Comp. 5-10-76. TD 1047'. Water input. Robinson, top 998'. Main Consol.

EDGAR COUNTY

12N, 13W

5, 330'SL, 380'EL, NW SE. Earnest Zink #2 Heltsley. Spd. 5-28-77. Comp. 6-20-77. TD 552'. IP 350 MCF gas/day. Pennsylvanian, top 465'. Grandview.

13N, 14W

11, 330'SL, 600'WL, SE. Earnest Zink #1 Grafton. Spd. 6-10-77. Comp. 6-20-77. TD 362'. IP 112 MCF gas/day. Pennsylvanian, top 350'. Ashmore East. EXTENSION TO FIELD.

EDWARDS COUNTY

1N, 10E

22, SE NE SW. Spartan Petroleum Co. #1 Harris Comm. Spd. 6-19-77. Comp. 7-19-77. TD 3928'. D&A. Salem, top 3640'. Samsville West.

27, 330'NL, 560'WL, NE NW. Spartan Petroleum Co. #1 Knackmuhs et al. Comm. Spd. 6-10-77. Comp. 7-19-77. TD 3340'. D&A. McClosky, top 3272'. Samsville West.

27, NW NE NE. Spartan Petroleum Co. #1 Schuh Comm. Spd. 5-28-77. Comp. 7-12-77. TD 4170'. IP 45 BOP/10 BW. McClosky, top 3282'. Samsville West.

29, SE SE SW. Kendra Corp. #1 Ellis J. Bennett. Spd. 6-10-77. Comp. 6-20-77. TD 5194'. D&A. Warsaw, top 4165'. Maple Grove Consol.

1N, 14W

Irr. 7, 660'NL, 330'WL, SW NE. Gilbert A. Higgins #1 Campbell Heirs. Spd. 7-9-77. Comp. 7-19-77. TD 3952'. D&A. Salem, top 3338'. WN - Parkersburg Consol.

2S, 10E

12, 380'SL, 330'WL, SW. Rush Creek Oil Co., Inc. #1 Mary Bunting. Spd. 6-11-77. Comp. 6-28-77. TD 3200'. D&A. Renault, top 3040'. Albion Consol.

EFFINGHAM COUNTY

6N, 6E

36, SW SE SE. Black & Black Oil Co. #1 Mellendorf. OWWO. Was Coy Oil Co. Was D&A (SO). OTD 2919'. Comp. 1-26-54. Recomp. 7-12-77. COTD 2919'. IP 3 BOP. Aux Vases, top 2714', frac. Sailor Springs Consol.

8N, 4E

Irr. 6, 330'NL, 330'WL, NE NE. Tri-Star Prod. Co., Inc. #1 Lilly. Spd. 1-13-77. Comp. 7-19-77. TD 3302'. IP 8 BOP/18 BW. Sylamore, top 3112', acid. Louden.

9N, 4E

31, NW SE NE. Tri-Star Producing, Inc. #3 Ryan. Spd. 5-1-77. Comp. 7-19-77. TD 3160'. IP 30 BOP. Sylamore, top 3112', mca. Louden.

FAYETTE COUNTY

6N, 3E

5, SE SW SW. J. U. Dodge #1 Siemer Milling Co. Spd. 7-9-77. Comp. 7-12-77. TD 1937'. D&A. Ste. Genevieve, top 1871'. WN - Louden.

8N, 3E

1, SE NE NW. Exxon Corp. #3 A. W. St. Pierre. OWDD. Was Carter Oil Co. #3 St. Pierre. Was Cypress producer. OTD 1532'. Comp. 11-5-40. Recomp. 5-18-77. DTD 1654'. IP 26 BOP/119 BW. Cypress, top 1514'; Bethel, top 1612' (est.); Benoist, top 1632' (est.). Louden.

9N, 3E

35, SW SE SE. W. L. Belden #2D Gordon. Conversion. Was Stewart Oil Co. #2 Gordon. Was Cypress producer. Comp. 5-15-77. COTD 1370'. SWD. Tar Springs, top 1314'. Louden.

FRANKLIN COUNTY

6S, 3E

Irr. 4, 380'NL, 330'WL, NE NE. Walter Duncan #3A U. S. Steel Corp. (Poole). Spd. 7-2-77. Comp. 7-13-77. TD 3904'. D&A. Ullin, top 3738'. Whittington South.

HAMILTON COUNTY

6S, 7E

3, SW NW NW. C. E. Brehm Drlg. & Prod. #1 Thompson. Spd. 7-22-76. Comp. 7-29-76. TD 3330'. D&A. Fredonia, top 3296'. WN - Hoodville East.

27, SE NE SW. Duke Resources Corp. #1 Van Winkle. Spd. 10-6-76. Comp. 5-3-77. TD 4320'. IP 40 BOP. McClosky, top 3290'. Broughton. REVIVES BROUGHTON FIELD.

JACKSON COUNTY

7S, 2W

11, NE NE NE. Comanche Oil Corp. #3 Coffer. Spd. 6-28-77. Comp. 7-12-77. TD 3390'. D&A. Devonian, top 3346'. Vergennes.

JASPER COUNTY

7N, 11E

Irr. 30, 330'SL, 330'EL, NE NW. Edward C. Koch #2 Glen Miller. Spd. 12-1-76. Comp. 1-15-77. TD 2545'. IP 5 BOP/75 BW. Spar Mountain, top 2510', mca. Clay City Consol.

LAWRENCE COUNTY

2N, 12W

8, C S/2 SW NE. J. E. Olds #1-WI J. C. King. Conversion. Was DeKalb Agricultural Assoc. #1 J. C. King. Was Pennsylvanian producer. COTD 1531'. Water input. Pennsylvanian, top 1513'. Ruark.

MACON COUNTY

17N, 2E

23, SE SW NE. Triple "G" Oil Co., Ltd. #1 Nola Mae Hockaday. Spd. 3-3-77. Comp. 5-9-77. TD 2156'. IP 58 BOP. Silurian, top 2111', frac. Forsyth.

RICHLAND COUNTY

2N, 10E

20, SE NE NW. Robert B. Britton #1 Ellis Lame. OWWO & OWDD. Was Phillips Pet. #1 Nitram. Was D&A. OTD 3304'. Comp. 7-10-45. Recomp. 7-5-77. DTD 3475'. D&A. St. Louis, top 3282'. Seminary.

ST. CLAIR COUNTY

1N, 9W

1, 440'SL, 45'EL, SW. John Mathes & Assoc., Inc. #4 J.M.A. Spd. 6-20-77. Comp. 6-22-77. TD 199'. Observation. #6 Coal, top 176.5'.

1N, 10W

Proj. 4, Approx. 1750'SL, 1875'WL, SW, Lot #8-Prairie DuPont Common Fields. T. R. Kerwin #1 Pulcher. Spd. 6-24-77. Comp. 6-27-77. TD 506'. D&A. Trenton, top 495' (approx.). WF.

SALINE COUNTY

8S, 7E

23, SW NW SE. R & N Associates #1 SWD J. H. Porter. Conversion. Was G. L. Reasor #1 Porter. Was Aux Vases producer converted to Aux Vases water input. Comp. 2-22-77. COTD 2042'. SWD. Palestine, top 1940'. Eldorado East.

WABASH COUNTY

1N, 12W

27, NE NW NE. RK Petroleum Corp. #1 Earl Buchanan. Spd. 7-1-77. Comp. 7-10-77. TD 3050'. D&A. Salem, top 2730'. Allendale.

1S, 13W

4, SW SW SE. Barbarossa Oil, Inc. #1 Clifton Treece. Spd. 6-6-77. Comp. 7-5-77. TD 3478'. D&A. Warsaw, top 3403'. New Harmony Consol.

WABASH COUNTY (continued)

1S, 13W

18, SE NW NW. Spartan Petroleum Co. #W-2 Bellmont North Unit. Spd. 5-19-77. Comp. 5-30-77. TD 3454'. Water input. Salem, top 3415'. New Harmony Consol.

2S, 13W

Irr. 1, 330'NL, 990'WL, NE SW. J. W. Rudy Co. #1 B. Peter. Spd. 6-22-77. Comp. 7-19-77. TD 3222'. D&A. Salem, top 3014'. WN - Rochester.

2S, 14W

26, NW SW NE. Hocking Oil Co., Inc. #1 Everett Leavens. Spd. 4-20-77. Comp. 5-31-77. TD 2122'. IP 60 BOP. Waltersburg, top 2105', mca and frac. New Harmony Consol.

26, 330'SL, 430'WL, NW NE. Hocking Oil Co., Inc. #1 Elba Schuh. Spd. 6-7-77. Comp. 6-15-77. TD 3630'. D&A. Salem, top 3284'. New Harmony Consol.

3S, 13W

Irr. 7, 1000'NL, 2680'EL, NW. Gilbert A. Higgins #4-H Akin. Spd. 6-16-77. Comp. 7-19-77. TD 4153'. D&A. Salem, top 3155'. New Harmony Consol.

WASHINGTON COUNTY

3S, 2W

14, NE SE NE. Leland Monken #1 L. Johannes. Spd. 12-20-76. Comp. 4-30-77. TD 1210'. Temp. abd. Cypress, top 1197'. Dubois Consol.

35, C SW SW. C. E. Brehm Drlg. & Prod. #1 Bochantin Comm. Spd. 12-28-76. Comp. 1-29-76. TD 7338'. D&A. Precambrian, top 7294'. WN - Posen South.

WAYNE COUNTY

1N, 7E

13, SE SE SW. Booth Oil Co., Inc. #1 W. Atterberry. Spd. 6-11-77. Comp. 6-17-77. TD 3200'. D&A. McClosky, top 3135'. Clay City Consol.

1N, 8E

Irr. 2, 330'NL, 330'WL, SE SW. Republic Oil Co., Inc. #5 Shackleford. Spd. 7-4-77. Comp. 7-13-77. TD 3800'. D&A. Salem, top 3459'. Clay City Consol.

9, 330'SL, 450'EL, SE. Hanson Oil Co., Inc. #1 Best. Spd. 9-20-76. Comp. 7-12-77. TD 3811'. IP 15 BOP. Salem, top 3594', acid. Clay City Consol.

2N, 8E

29, SE SE NW. Santoro Oil Co., Inc. #1 R. Duffina. Spd. 6-15-77. Comp. 6-21-77. TD 3734'. D&A. Salem, top 3408'. Clay City Consol.

WAYNE COUNTY (continued)

1S, 5E

19, 330'SL, 400'WL, SE SW. Silurian Oil Co. #2 Ersil Hines. Spd. 5-14-77. Comp. 6-28-77. TD 3536'. IP 35 BOP/100 BW. Aux Vases, top 2823'. Coil.

26, SW SW NW. Charles T. Evans #1 Gustav Brown. Spd. 5-10-77. Comp. 6-18-77. TD 3639'. IP 50 BOP. Salem, top 3561', acid. Keenville.

26, 330'SL, 300'WL, SW. Louis A. Pessina #8-SWD Katherina Goff. Conversion. Was dry hole, temp. abd. OTD 3720'. Comp. 5-12-77. Recomp. 7-19-77. COTD 3677'. SWD. Salem, top 3613'. Keenville.

26, NW NW SW. Charles T. Evans #2 Johnson. Spd. 4-30-77. Comp. 6-10-77. TD 3680'. IP 50 BOP. Salem, top 3613', acid. Keenville.

28, 422'NL, 562'WL, NE SE. Collins Brothers Oil Co. #1 Hilliard Ellis SWD. OWWO. Conversion. Was plugged McClosky producer. OTD 3132'. Comp. 7-2-46. Recomp. 5-5-77. COTD 2893'. SWD. Cypress, top 2799'. Keenville.

34, NW NE NE. Louis A. Pessina #11 Katherina Goff. Spd. 6-18-77. Comp. 7-12-77. TD 3675'. D&A. Salem, top 3466'. Keenville.

35, 430'NL, 430'WL, NE. Allen J. Smith #1 Bob & Jim Shreve. Spd. 6-15-77. Comp. 6-26-77. TD 3665'. D&A. Salem, top 3428'. Keenville.

1S, 6E

Irr. 1, 330'SL, 330'WL, SE. David Allison #1 S. Stipp. Spd. 6-1-77. Comp. 6-26-77. TD 3251'. IP 95 BOP. McClosky, top 3245', nat. Johnsonville Consol.

Irr. 12, 330'NL, 330'WL, NE. David Allison #1 Mattox Comm. Spd. 6-7-77. Comp. 7-19-77. TD 3259'. IP 20 BOP. McClosky, top 3237', acid. Johnsonville Consol.

14, 380'SL, 330'EL, NW. Fletcher F. Farrar #1 Dewey Bass. OWWO. Was Van Fossan Assoc. #1 Dewey Bass. Was D&A. OTD 3880'. Comp. 1-20-76. Recomp. 7-5-77. COTD 450'. Junked hole. Johnsonville South.

23, 660'NL, 500'EL, SW SE. Modern Explorations #2 Trotter. Spd. 5-17-77. Comp. 7-12-77. TD 3229'. IP 75 BOP. Ohara, top 3169', mca. Johnsonville South.

24, 336'SL, 345'EL, NW SW. Carl E. Busby #1 Fansler. Conversion. Was Aux Vases producer. Comp. 1-7-76. COTD 3281'. Water input. Aux Vases, top 3112'. Clay City Consol.

WAYNE COUNTY (continued)

1S, 7E

4, 583'NL, 990'WL, SE NW. Shulman Brothers, Inc. #8 Crippen. Spd. 6-8-77. Comp. 6-19-77. TD 4012'. D&A. Ullin, top 3978'. Clay City Consol.

Irr. 19, 330'SL, 330'WL, SE. Donald E. Schmitt #1 O. H. Harris. Spd. 6-15-77. Comp. 7-25-77. TD 3996'. IP 108 BOP/8 BW. Aux Vases, top 3128', mca and frac. Clay City Consol.

1S, 8E

16, NW SE SE. Bernard Podolsky #2 Gray "C". Spd. 6-22-77. Comp. 7-5-77. TD 3850'. D&A. Salem, top 3586'. Clay City Consol.

Irr. 18, 330'SL, 330'WL, SE. Robinson Production, Inc. #1 Blessing. Spd. 4-27-77. Comp. 7-6-77. TD 4030'. IP 23 BOP/120 BW. Aux Vases, top 3134', mca and frac. Clay City Consol.

2S, 9E

3, NW SE NW. Kendra Corp. #1 O'Daniel-Jones. Spd. 5-4-77. Comp. 7-1-77. TD 4075'. IP 10 BOP/3 BW. McClosky, top 3440', frac. Half Moon.

WHITE COUNTY

4S, 8E

16, SW NE NE. Victor R. Gallagher #1 Duckworth. Spd. 6-3-77. Comp. 6-21-77. TD 4730'. D&A. Osage, top 4644'. WF.

32, NW NE SE. RK Petroleum Corp. #5 Warthen Comm. Spd. 5-13-77. Comp. 6-4-77. TD 3345'. IP 45 BOP. Aux Vases, top 3321'. Springerton South.

32, NW SE NE. RK Petroleum Corp. #7 Warthen Comm. Spd. 5-21-77. Comp. 6-15-77. TD 4415'. Temp. abd. Ullin, top 4295' (approx.). Springerton South.

34, SE SW NW. RK Petroleum Corp. #2 Continental Bank. Spd. 6-10-77. Comp. 7-12-77. TD 3338'. IP 26 BOP/trace of water. Aux Vases, top 3330'. Springerton South. EXTENSION TO FIELD.

4S, 10E

22, NW SW SE. Eugene E. Morris #1 Samuel A. Goodman. Spd. 6-3-77. Comp. 6-14-77. TD 3500'. D&A. St. Louis, top 3241'. Crossville West.

5S, 8E

8, NE SE NW. C. E. Brehm Drlg. & Prod. #1 Enfield Carter. Spd. 8-12-76. Comp. 8-18-76. TD 3453'. D&A. Aux Vases, top 3382'. WN - Enfield North.

6S, 8E

4, NW SE NE. C. E. Brehm Drlg. & Prod. #1 Cusic. Spd. 9-16-76. Comp. 7-5-77. TD 3445'. D&A. McClosky, top 3426'. WN - Enfield.

WHITE COUNTY (continued)

6S, 8E

15, NE SE SW. C. E. Brehm Drlg. & Prod. #1 Westfall Comm. Spd. 9-23-76. Comp. 7-5-77. TD 3300'. D&A. Spar Mountain, top 3256'. WN - Roland Consol.

22, SW NE NW. C. E. Brehm Drlg. & Prod. #1 Rose "B". Spd. 7-12-76. Comp. 7-24-76. TD 4119'. D&A. Ullin, top 4047'. WN - Roland Consol.

33, NE NE SE. J. D. Turner #1 Herbert Colbert et al. Comm. Spd. 6-21-77. Comp. 6-28-77. TD 3174'. D&A. St. Louis, top 3168'. Roland Consol.

6S, 10E

29, 660'SL, 350'EL, NE. C. E. Brehm Drlg. & Prod. #1 Concord Comm. Spd. 7-31-76. Comp. 9-1-76 (est.). TD 3950'. IP 3 BOP. St. Louis, top 3243', acid. Concord Consol.

7S, 8E

12, NW SE NW. John B. Murvin #3 Moore. Conversion. Was Bethel and Aux Vases producer. Comp. 5-19-76. COTD 2917'. Water input. Cypress, top 2604'; Aux Vases, top 2872'. Roland Consol.

WILLIAMSON COUNTY

8S, 2E

12, 400'NL, 330'WL, NW SE. C. E. Brehm Drlg. & Prod. #2-G Jeske. Conversion. Was Bethel producer. Comp. 4-15-76. COTD 2730'. Water input. Bethel, top 2461'. Stiritz.

8S, 4E

29, NE NW NE. C. E. Brehm Drlg. & Prod. #1 Ray Comm. Conversion. Was Aux Vases producer. Comp. 7-20-76. COTD 2980'. Water input. Aux Vases, top 2864'. Corinth.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH JULY 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging, and present field assignment are listed.

CLAY COUNTY

36-4N-7E, 990'SL, 330'WL, SE. Woodrow Franklin #2-A R. Franklin. 2358'. 6-14-77. Sailor Springs Consol.

CLINTON COUNTY

2-2N-3W, 990'NL, 660'EL, SW. Henry Loeb #A-3 Deters. 1052'. 6-22-77. (Producer formerly a Salt Water Disposal (Pennsylvanian)). Carlyle.

10-2N-3W, 460'SL, 330'WL, SE NW SE. Richard Wilken #1 Wilken Farm. 1050'. 6-17-77. Carlyle.

CRAWFORD COUNTY

14-6N-13W, 600'NL, 10'EL, SW NW. Ohio Oil Co. #6 E.M. Sears Unit, formerly #6 E. Miller. 937'. 6-7-77. Main Consol.

16-6N-13W, NW NE SE. Red Bank #7 Sallie Carlisle. 933'. 6-6-77. Main Consol.

21-6N-13W, 180'NL, 360'EL, SE. Brown-Hogne #2 Wasson. 973'. 4-1-77. Main Consol.

19-7N-13W, 330'SL, 330'WL, NW NE. Ohio Oil Co. #3 O.M. Hulse, a/c 2. 922'. 5-19-77. Main Consol.

19-7N-13W, 660'NL, 450'WL, NE. Ohio Oil Co. #15 O.M. Hulse, a/c 2. 998'. 5-6-77. Main Consol.

EDWARDS COUNTY

Irr. 31-1N-11E, 1350'NL, 990'EL, NE. Southern Triangle Oil Co. #2 Roy Gill. 2420'. 6-24-77. Samsville.

Fr. 31-2N-14W, 330'NL, 945'EL NE SE SW. Oldfield Oil Co. #2 D.C. Scranton. 3255'. 5-28-77. Parkersburg Consol.

Fr. 7-2S-11E, 950'NL, 1650'WL NW. Rock Hill Oil Co. #2 Whitehead, formerly Calvert Drlg. Co. #1. 3207'. 5-12-77. Albion Consol.

32-2S-14W, 330'NL, 330'WL SE NW. Laurent Oil Co. #1 Vern Cowling et al. 3095'. 6-1-77. Albion East.

Fr. 18-3S-11E, 330'SL, 330'EL SW NW. Kingwood Oil Co. #3 Herman Johnson. 3203'. 6-17-77. (Water input, formerly a producer.) Phillipstown Consol.

FRANKLIN COUNTY

24-6S-4E, SE NE SW. C.E. Brehm Drlg. & Producing #Q-1 U.S. Steel. 3252'. 6-17-77. Akin.

GALLATIN COUNTY

11-8S-9E, SE NW SW. Coy Oil Co. #1 R. Barnett (Annie Moye). 2199'. 6-9-77. Inman W. Consol.

11-8S-9E, NE SW SW. Ashland Oil & Refining Co. #1 E.T. Jones, formerly Keystone Oil Co. #1 Geo. Jones, originally Slivka & Son. 2527'. 6-14-77. (Water input, formerly a producer.) Inman W. Consol.

11-8S-9E, SE SW SW. Acme Oil Investors, Inc. #2 George Jones. 2571'. 6-14-77. Inman West Consol.

GALLATIN COUNTY (continued)

14-8S-9E, SW NE NW. Ashland Oil Refining Co. #2 Foster, formerly Lohmann Johnson Drlg. Co., Inc. 2528'. 6-16-77. (Water input, formerly a producer.) Inman West Consol.

14-8S-9E, NW NW NW. Keystone Oil Co. #1 Wilbur Moye. 2540'. 6-10-77. Inman West Consol.

15-8S-9E, SW NE NE. T. A. Ferrall #1 Ben Jones. 2545'. 6-7-77. Inman West Consol.

JASPER COUNTY

1-5N-9E, SE SW SE. Don Slape Drlg. Co. #1 H.H. Harvey. 3000'. 6-30-77. Clay City Consol.

1-5N-9E, NE SW SE. Don Slape Drlg. Co. #2 H.H. Harvey. 2983'. 7-1-77. Clay City Consol.

24-7N-10E, 330'SL, 560'EL, NE NW. Robinson-Puckett, Inc. #1 Alexander. 2533'. 7-5-77. Clay City Consol.

24-7N-10E, 690'SL, 330'EL, NW. Robinson-Puckett, Inc. #1 Alexander Consol. 2535'. 6-21-77. Clay City Consol.

PERRY COUNTY

23-4S-1W, NE NE NW. Theodore G. Glass #1 Bagwill. 1123'. 6-10-77. Tamaroa.

SALINE COUNTY

10-8S-7E, 345'SL, 374'EL, NW SE. W.C. McBride, Inc. #1 Guido Boscarine. 2608'. 6-28-77. Eldorado Consol.

SHELBY COUNTY

28-12N-2E, 370'SL, 370'WL SW. John P. Potsch #1 Evelyn & J. Arthur Weber. 1579'. 4-29-77. Dollville.

WABASH COUNTY

13-1S-13W, NW SW SW. Spartan Petroleum Co. #1 Mounts-Pfeiffer Comm. 3550'. 6-24-77. New Harmony Consol.

24-1S-13W, 400'NL, 400'WL, NW. Spartan Petroleum Co. #1 Herman Steckler. 3212'. 6-21-77. New Harmony Consol.

WAYNE COUNTY

28-2N-7E, SE SE SW. Charles Stephens #1 Pittman, formerly Benedum-Trees Oil Co. #1 E. Craig. 3280'. 7-7-77. Rinard North.

33-2N-7E, 330'NL, 660'WL, NW. Floyd E. Thompson #1 A. Knapp. 3201'. 6-28-77. Rinard North.

33-2N-7E, NW NE NW. Charles H. Stephens #1 T.R. Michels. 3211'. 7-7-77. Rinard North.

WILLIAMSON COUNTY

7-8S-3E, 400'SL, 580'WL, NW SW. C.E. Brehm Drlg. & Producing #1F Marrs. 2756'. 6-16-77. Stiritz.

Some Recent Publications of Interest to
The Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet.	99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet.	101.	Underground Storage of Natural Gas in Illinois---1973 (1974).
Ill. Pet.	102.	Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
Ill. Pet.	104.	Underground Storage of Natural Gas (1975).
Ill. Pet.	105.	Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet.	106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet.	109.	Structure of the Top of the Karnak Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet.	110.	Petroleum Industry in Illinois in 1975 (1976).
Cir. 458		Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Cir. 470.		Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Cir. 482.		The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.		Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
EGN 62.		Energy Supply Problems for the 1970s and Beyond (May 1973).
		Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned
Acid — Acid treatment
BOF — Barrels of oil flowing
BOP — Barrels of oil on pump
BW — Barrels of water
C — Center
Comp. — Completed
Consol. — Consolidated
COTD — Clean-out total depth
Csg. — Casing
D & A — Dry and abandoned
Dol. — Dolomite
DTD — Drilled deeper total depth
E/2 — East $\frac{1}{2}$
EL — From the east line
Est. — Estimated
Ext. — Extension(s)
Fm. — Formation
Fr. — Fractional
Frac. — Hydraulic fracture treatment
IP — Initial production
L — Line
Loc. — Location
Ls. — Limestone
N/2 — North $\frac{1}{2}$
Nat. — Natural, no treatment
NE — Northeast $\frac{1}{4}$
NL — From the north line
NW — Northwest $\frac{1}{4}$
OTD — Old total depth
OWDD — Old well drilled deeper
OWWO — Old well worked over
PB — Plugged back
PBTD — Plugged-back total depth
R — Range
S/2 — South $\frac{1}{2}$
SE — Southeast $\frac{1}{4}$
SG — Show of gas
Sh. — Shale
SIGW — Shut-in gas well
SL — From the south line
SO — Show of oil
Spd. — Spudded
Ss. — Sandstone
SSO — Slight show of oil
SW — Southwest $\frac{1}{4}$
Swb. — Swabbing
SWD — Salt water disposal well
T — Township
TD — Total depth
Temp. abd. — Temporarily abandoned
W/2 — West $\frac{1}{2}$
WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
WL — From the west line
WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)

no. 490
c. 1

State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

No. 490 August 1977

c. 1

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DISCOVERIES

New Fields

None

New Pay Zones in Fields

COIL. Wayne County, 19-1S-5E, Salem at 3484'.
Discovery well, Louis H. Kapp, Jr. #1 W. Donoho
(OWDD. was D&A), IP 480 BOF.

Extensions to Fields

ENFIELD NORTH. White County, 16-5S-8E, Ohara at 3373'.
Discovery well, William R. & Phyllis Becker #3 Tripple AAA Ranch
(OWWO, was D&A), IP 15 BOP.

INCLOSE. Edgar County, 12-12N-14W, Pennsylvanian at 420'.
Discovery well, Earnest Zink #1 Zink,
IP 500,000 cu. ft. gas.

ILLINOIS STATE
GEOLOGICAL SURVEY
LIBRARY

TABLE I

New Pools Discovered from September 1976 through August 1977

Pool:	County	Twp.	Rng.
September 1976			
None			
October			
None			
November			
Ferrin:	Clinton County	2N	1W
December			
None			
January 1977			
None			
February			
None			
March			
None			
April			
None			
May			
None			
June			
None			
July			
None			
August			
None			

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				Production in Thousands of Barrels
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,251
Apr.	46	0	3	42	7	20	10	6	78	2,261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2,222
Dec.	90	0	5	80	15	57	15	9	161	2,238
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,272
1977										
Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	58(1)	0	0	53(1)	5	22	10	0	86	2,274
June	58(3)	0	1	54(3)	5	32	12	7	108	2,214
July	40(1)	0	1(2)	39(3)	2	26	13	3	84	2,285
Aug.	29(3)	0	1(1)	28(4)	2	23	3	2	60	2,285

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through June 1977 are from reports received directly from crude gathering companies. The figures for July and August 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, August 1977

County	Permits to Drill[o]	Total Comp.	Production Tests: New Holes Prod.	Production Tests: New Holes D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions were Prod.	Service Wells: Conversions were Others	Structure Tests
Bond	2	-	-	-	-	-	-	-	-
Brown	4	-	-	-	-	-	-	-	-
Christian	1	2	-	2	-	-	-	-	-
Clark	1	3	2	1	-	-	-	-	-
Clay	9	8	5	1	-	-	2	-	-
Clinton	2	-	-	-	-	-	-	-	-
Coles	1	2	2*	-	-	-	-	-	-
Crawford	23	16	5	1	-	1	1	-	8
Edgar	2	4	3†	-	-	-	1	-	-
Edwards	8	4	-	3	-	-	1	-	-
Effingham	2	3	1	2	-	-	-	-	-
Fayette	10	2	-	2	-	-	-	-	-
Franklin	4	2	1	1	-	-	-	-	-
Gallatin	7	-	-	-	-	-	-	-	-
Hamilton	2	1	-	1	-	-	-	-	-
Jasper	5	-	-	-	-	-	-	-	-
Jefferson	3	5	3	1	-	-	1	-	-
Lawrence	3	4	-	2	-	1	1	-	-
Madison	1	-	-	-	-	-	-	-	-
Marion	3	3	-	-	-	-	3	-	-
Monroe	4	-	-	-	-	-	-	-	-
Montgomery	1	-	-	-	-	-	-	-	-
Perry	1	-	-	-	-	-	-	-	-
Pope	1	-	-	-	-	-	-	-	-
Richland	1	-	-	-	-	-	-	-	-
Sangamon	-	1	-	1	-	-	-	-	-
Wabash	5	2	-	2	-	-	-	-	-
Washington	1	1	-	-	-	-	1	-	-
Wayne	27	12	4	6	1	-	1	-	-
White	15	9	6	2	1	-	-	-	-
Williamson	1	-	-	-	-	-	-	-	-
	150	84	32	28	2	2	12	-	8

* Includes 1 gas well
† Gas wells

[o] Issued by Department of Mines and Minerals, Springfield, Illinois, July 29, 1977 through August 25, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, August 1977

County	Permits to drill*	Total Comp.	Injection & Withdrawal New Wells	Injection & Withdrawal Conversions	Service Wells New Wells	Service Wells Conversions
Gallatin	-	1	1	-	-	-
Livingston	3	-	-	-	-	-
McLean	3	-	-	-	-	-
	6	1	1	-	-	-

In addition to the above, 27 permits to drill structure tests were issued and 47 structure test wells were drilled in connection with natural gas storage.

* Issued by Department of Mines and Minerals, Springfield, Illinois, July 29, 1977, through August 25, 1977.

* * * * * * * * * * * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and tests holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

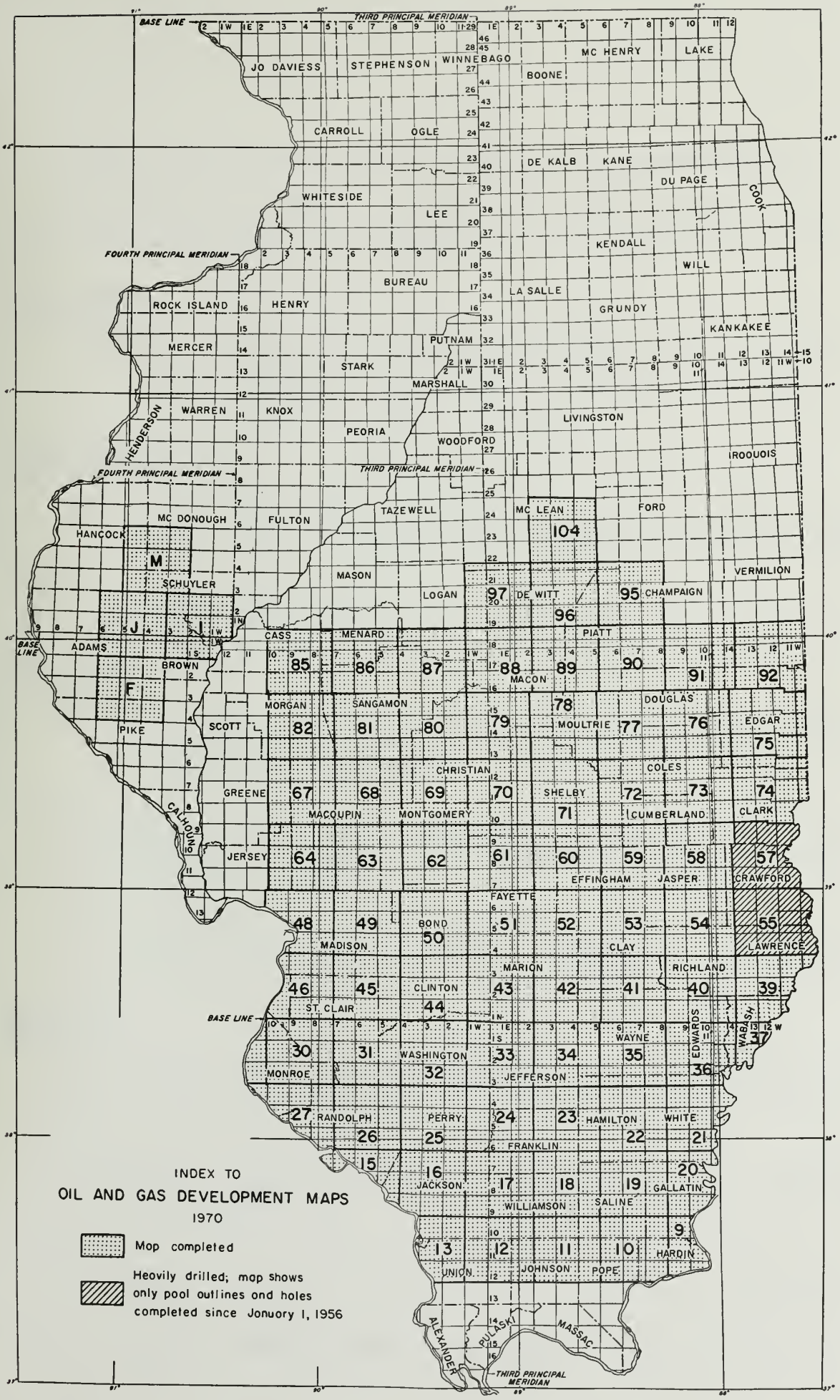
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at $1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for $1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.


BASE LINE
THIRD PRINCIPAL MERIDIAN
FOURTH PRINCIPAL MERIDIAN
JO DAVIESS
STEPHENSON
WINNEBAGO
MC HENRY
LAKE
BOONE
CARROLL
OGLE
DE KALB
KANE
DU PAGE
COOK
WHITESIDE
LEE
KENDALL
WILL
BUREAU
LA SALLE
GRUNDY
ROCK ISLAND
HENRY
KANKAKEE
MERCER
PUTNAM
STARK
MARSHALL
WARREN
KNOX
LIVINGSTON
HENDERSON
PEORIA
WOODFORD
IROQUOIS
TAZEWELL
MC LEAN
FORD
MC DONOUGH
FULTON
HANCOCK
VERMILION
SCHUYLER
MASON
LOGAN
DE WITT
CHAMPAIGN
CASS
MENARD
PIATT
ADAMS
BROWN
MACON
MORGAN
SANGAMON
DOUGLAS
SCOTT
MOULTRIE
EDGAR
PIKE
CHRISTIAN
COLES
GREENE
SHELBY
CLARK
MACOUPIN
MONTGOMERY
CUMBERLAND
CALHOUN
JERSEY
EFFINGHAM
JASPER
CRAWFORD
FAYETTE
BOND
MADISON
CLAY
LAWRENCE
MARION
RICHLAND
CLINTON
ST. CLAIR
WAYNE
EDWARDS
WABASH
WASHINGTON
MONROE
JEFFERSON
RANDOLPH
PERRY
HAMILTON
WHITE
FRANKLIN
JACKSON
GALLATIN
WILLIAMSON
SALINE
HARDIN
UNION
JOHNSON
POPE
ALEXANDER
PULASKI
MASSAC
INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970
Map completed
Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELL COMPLETIONS REPORTED FROM JULY 30, 1977 TO AUGUST 26, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WF) is more than 1½ miles from production.

ADAMS COUNTY

2S, 5W

12, 640'NL, 330'EL, NW. Claude McElvain #5 Doole. OWWO. Was Ray F. Starr #8 Wendell Doole. Was plugged Silurian producer. OTD 637'. Comp. 2-15-61. Recomp. 4-18-77. COTD 660'. IP 5 BOP. Silurian, top 635'. Kellerville.

CHRISTIAN COUNTY

15N, 1W

8, NE NE NW. James D. Jordan #1 Buzzard. Spd. 8-14-77. Comp. 8-17-77. TD 1866'. D&A. Silurian, top 1835' (approx.). Mt. Auburn Consol.

16N, 1W

30, NW NE NW. John Carey Oil Co. #1 Brya. Spd. 7-13-77. Comp. 7-17-77. TD 1835'. D&A. Silurian, top 1782'. WF.

CLARK COUNTY

10N, 13W

19, 338'SL, 330'WL, SE. Southern Triangle Oil Co. #1 Marshall Hill et al. Spd. 2-6-77. Comp. 8-2-77. TD 2900'. Temp. abd. Trenton, top 2726'. Martinsville.

10N, 14W

24, SE NE SE. Raymond A. Messman #1 Morgan-Slater Unit. Spd. 2-20-77. Comp. 8-1-77. TD 3113'. IP 36 BOP/60 BW. Trenton, top 2718', frac. Johnson North.

36, 930'NL, 330'WL, NE. Kenneth Freed #3 Freed-Tiffin Comm. Spd. 11-24-76. Comp. 8-16-77. TD 396'. Oil producer, IP not available. Pennsylvanian, top 386'. Johnson North.

CLAY COUNTY

2N, 7E

14, SE SW SW. Hubert W. Rose #1 Henderson. Spd. 6-3-77. Comp. 8-2-77. TD 3608'. IP 80 BOP. Aux Vases, top 2962', frac. Clay City Consol.

14, SW SW SW. Hubert W. Rose #2 G. Henderson. Spd. 6-8-77. Comp. 8-2-77. TD 3030'. IP 100 BOP. Aux Vases, top 2958', frac. Clay City Consol.

2N, 8E

15, SW NE NW. Donald L. Lewis #5 McAllister. Abd. loc. Clay City Consol.

15, NW NW NW. Donald L. Lewis #6 McAllister. Abd. loc. Clay City Consol.

CLAY COUNTY (continued)

4N, 6E

17, NE SE SW. McKinney Oil Producer, Inc. #2 Arnold. Spd. 6-23-77. Comp. 7-19-77. TD 2808'. IP 25 BOP. McClosky, top 2795', acid. Louisville.

4N, 7E

13, NW NE NW. Robert E. Trimpe #8 Conley. Spd. 6-20-77. Comp. 8-2-77. TD 2608'. IP 16 BOP. Cypress, top 2598', frac. Sailor Springs Consol.

5N, 7E

4, 665'NL, 330'EL, NW NW. Dell Carroll Oil Properties #1 Oscar Wendling. Conversion. Was Cypress producer. Comp. 7-7-76. COTD 2542'. Water input. Cypress, top 2508'. Sailor Springs Consol.

9, SE SE SE. McCollum & Kincaid #2 Childers. Conversion. Was Cypress producer. Comp. 9-18-75. COTD 2487'. Water input. Cypress, top 2473'. Sailor Springs Consol.

Irr. 30, 330'SL, 660'EL, NE NW. Bob Hatfield #1 Ross-Seiling. Spd. 5-20-77. Comp. 6-16-77. TD 2880'. IP 120 BOP/0 BW. Spar Mountain, top 2842', natural. Toliver East.

Irr. 31, 330'NL, 760'WL, S/2 NW. Pleasure Oil Co., Inc. #2 James Brooks. Spd. 7-21-77. Comp. 8-9-77. TD 2889'. D&A (SO). McClosky, top 2851'. Toliver East.

COLES COUNTY

11N, 11E

Irr. 18, NE NE NE. Henry M. Gray #1 Lawrence Green. Spd. 5-19-75. Comp. 12-15-76. TD 420'. IP 1 BOP. Mississippian, top 341', acid and mca. Westfield.

12N, 7E

34, 365'SL, 365'EL, SW NE. E. H. Kaufman #2 Sanders. Spd. 5-22-77. Comp. 8-9-77. TD 3240'. SIGW, IP not available. Devonian, top 3155', acid. Mattoon.

CRAWFORD COUNTY

5N, 13W

2, 330'NL, 370'EL, SW SW. Reinhold Oil Producers #1 Cupp. Spd. 3-4-77. Comp. 6-21-77. TD 4760'. D&A. Trenton, top 4600'. Main Consol.

6N, 13W

36, SW NE NW. Shakespeare Oil Co., Inc. #3 Frank Richart. Spd. 5-30-77. Comp. 8-9-77. TD 4070'. IP 45 BOP. Trenton, top 3890', acid and frac. Main Consol.

7N, 12W

9, NE NE NE. Simpson Brothers, Inc. #2 Osborn. Spd. 6-10-77. Comp. 7-1-77. TD 1105'. IP 20 BOP/200 BW. Robinson, top 1035' (est.). Main Consol.

CRAWFORD COUNTY (continued)

7N, 12W

9, SE NE NE. Simpson Brothers, Inc. #1 E. Osborn. Spd. 6-1-77. Comp. 6-20-77. TD 1098'. IP 20 BOP/150 BW. Robinson, top 1024' (est.). Main Consol.

31, 700'NL, 200'WL, SW NW. Triple "B" Oil Prod., Inc. #9 E. E. Newlin. Conversion. Was The Ohio Oil Co. Was Robinson sand producer. Comp. 7-16-75. COTD 1182'. Water input. Robinson, top 1123'. Main Consol.

7N, 13W

21, 90'NL, 420'EL, SE. Marathon Oil Co. MM-7 Levi Henry, Acct. #1. Spd. 5-15-76. Comp. 5-20-76. TD 1032'. Water input. Robinson, top 982'. Main Consol.

21, 90'NL, 220'EL, SE. Marathon Oil Co. MM-801 Levi Henry, Acct. #1. Spd. 6-3-76. Comp. 6-6-76. TD 1028'. Oil well, IP not available. Robinson, top 979'. Main Consol.

21, 90'NL, 230'EL, SE. Marathon Oil Co. MM-802 Levi Henry, Acct. #1. Spd. 6-7-76. Comp. 6-11-76. TD 1028'. Oil well, IP not available. Robinson, top 977'. Main Consol.

EDGAR COUNTY

12N, 14W

11, 370'SL, 330'WL, SE. Earnest Zink #5 Wheeler. Spd. 7-23-77. Comp. 7-30-77. TD 450'. IP 400 MCFG/day. Pennsylvanian, top 445', nat. Inclose.

12, SW NE NE. Earnest Zink #1 Zink. Spd. 8-10-77. Comp. 8-20-77. TD 438'. IP 500 MCFG/day. Pennsylvanian, top 420', nat. EXTENSION TO INCLOSE.

14, 950'SL, 990'WL, NE NW. Earnest Zink #4 Wheeler. Spd. 6-19-77. Comp. 6-25-77. TD 305'. IP 50 MCFG/day. Pennsylvanian, top 285', nat. Inclose.

13N, 13W

10, 665'NL, 665'EL, NW NW. Dudley Oil Field Operations #5 Brinkerhoff A. Conversion. Was Livengood & Cooksey #5 L. Brinkerhoff "A". Was Lower Dudley producer. Comp. 8-1-77. COTD 440'. Water input. Lower Dudley, top 410'. Dudley.

EDWARDS COUNTY

1N, 10E

9, 742'NL, 330'WL, SW. Hocking Oil Co., Inc. #1 Henry Miller. OWWO. OWDD. Was Paco Petro. Corp. Was D&A. OTD 3292'. Comp. 11-8-55. Recomp. 6-23-77. DTD 4021'. D&A. Salem, top 3610'. Maple Grove Consol.

1N, 14W

Irr. 6, 330'SL, 330'WL, NE. Gilbert A. Higgins #1 Edward Rothrock. Spd. 7-13-77. Comp. 7-23-77. TD 3833'. D&A. Salem, top 3478'. Parkersburg Consol.

EDWARDS COUNTY (continued)

2S, 10E

13, NW NW NW. Rush Creek Oil Co., Inc. #1 Robert D. Bunting. Spd. 7-25-77. Comp. 8-9-77. TD 3200'. D&A. Ohara, top 3141'. Albion Consol.

3S, 10E

2, NE SE NE. Acme Casing Pulling & Supply, Inc. #1 O. R. Evans. Conversion. Was Calvert & Willis #1 O. R. Evans. Was Biehl producer. Comp. 7-31-76. COTD 1990'. Water input. Biehl, top 1963'. Albion Consol.

9, SE SW SE. M. V. Ring #1 John Tinckham. Spd. 7-17-77. Comp. 8-2-77. TD 3313'. D&A. McClosky, top 3278'. Albion West.

EFFINGHAM COUNTY

7N, 7E

17, C S/2 SW SE. Franklin Service Co. #1-A Roepke. Spd. 7-10-77. Comp. 7-20-77. TD 3350'. D&A. Salem, top 3084'. Elliottstown North.

8N, 4E

Irr. 6, 330'NL, 330'WL, SE NW. W. L. Belden #2 Doty Bros. Spd. 1-25-77. Comp. 6-8-77. TD 3190'. IP 30 BOP/8 BW. Devonian, top 3102', frac. Louden.

9N, 6E

35, NW SW SE. William F. Masters #1 Wendt. Spd. 7-5-77. Comp. 7-11-77. TD 2491'. D&A. McClosky, top 2465'. Teutopolis.

FAYETTE COUNTY

5N, 4E

11, NW SW NW. G.A.M. Oil Co. #1 Sam Nobbe. Abd. loc. WF.

11, NE NE SW. G.A.M. Oil Co. #2 Nobbe. Abd. loc. WF.

14, NE NW NE. G.A.M. Oil Co. #1-A Eugene Kramer. Spd. 11-15-75. Comp. 12-10-75 (est.). TD 2560'. Temp. abd. McClosky, top 2554'. WF.

9N, 3E

26, SW SW SW. Donald L. Lewis #1-A Olinger. Spd. 4-26-77. Comp. 6-21-77. TD 3404'. D&A. Devonian, top 3110'. WN - Louden.

FRANKLIN COUNTY

5S, 4E

24, NW NE NW. C. E. Brehm Drlg. & Prod. #1 Odom Comm. Spd. 6-21-77. Comp. 7-1-77. TD 4267'. D&A. Ullin, top 4085' (approx.). Macedonia.

6S, 4E

34, NE SE NE. C. E. Brehm Drlg. & Prod. #2 Pulverman "E". Spd. 9-13-76. Comp. 8-2-77. TD 3100'. IP 20 BOP. Aux Vases, top 3057', frac. Akin.

GALLATIN COUNTY

7S, 9E

28, NW SE SE. Egyptian Gas Storage Corp. #1 Chloe Spence. Spd. 10-6-75. Comp. 10-8-75. TD 627'. Gas injection/withdrawal. Pennsylvanian, top 609'. Herald Consol.

HAMILTON COUNTY

5S, 7E

21, SE NE NW. C. E. Brehm Drlg. & Prod. #1 Mayberry. Spd. 8-9-76. Comp. 8-16-76. TD 3348'. D&A. Aux Vases, top 3288'. Thackeray.

7S, 5E

6, 990'NL, 810'WL, SE SE. Joe A. Dull #A-1 Knight. Spd. 11-13-75. Comp. 5-10-76. TD 2869'. IP 1 BOP/35 BW. Cypress, top 2862', nat. Dale Consol. (This well was erroneously run as temp. abd. in Jan. 1976 Drilling Report.)

JEFFERSON COUNTY

1S, 4E

15, SE SW NE. Hobson Oil Co. #1 Craig. Spd. 5-27-77. Comp. 6-13-77. TD 3430'. IP 50 BOP/150 BW. Salem, top 3226', frac. Coil West.

15, NE SW NE. Hobson Oil Co. #2 Craig. Spd. 6-29-77. Comp. 7-28-77. TD 3630'. IP 45 BOP/10 BW. Salem, top 3235', acid. Coil West.

2S, 1E

35, NW SE SE. Mobil Oil Corp. #1 Eubank-Winesburgh Unit. Conversion. Was Aux Vases producer deepened to Spar Mountain producer. Comp. 8-9-77. COTD 2122'. SWD. Spar Mountain, top 2113'. Woodlawn.

2S, 4E

36, NW SW NE. Northwestern Oil Co., Inc. #1A Scott. Spd. 7-6-77. Comp. 8-2-77. TD 4050'. D&A. Osage, top 3934'. Markham City.

3S, 3E

Irr. 6, 330'NL, 660'EL, SE SW. Albert Gentles #4 Gee. Spd. 3-12-77. Comp. 5-20-77. TD 2836'. IP 12 BOP. McClosky, top 2812', acid. Mt. Vernon.

LAWRENCE COUNTY

2N, 12W

14, 990'NL, 558'EL, NE. Ohio Western Petr. Corp. #22 Gerald Spidel. Spd. 7-26-77. Comp. 8-1-77. TD 2700'. D&A. Ullin, top 2604'. Lawrence.

3N, 11W

27, 330'SL, 330'EL, NW. Raymond A. Messman #1 Claude White. Spd. 10-20-76. Comp. 11-8-76. TD 2403'. D&A. Salem, top 2313'. WN - Lawrence. (This well was erroneously run as a producer in the May 1977 Drilling Report.)

LAWRENCE COUNTY (continued)

3N, 12W

17, SE SW SW. Columbo Enterprises #1 Morehead. Spd. 10-1-76. Comp. 5-24-77. TD 3000'. D&A. Buchanan, top 1492'. Lawrence.

24, NW SE NW. Acme Casing Pulling & Supply, Inc. #3 Phillips Lewis. Conversion. Was Wright Oil Co. #3 P. Lewis. Was Cypress producer. Comp. 5-15-76 (est.). COTD 1653'. Water input. Cypress, top 1592'. Lawrence.

4N, 10W

29, NE SW NW. Schlensker Drlg. Corp. #1 James Funk. OWWO. Was J. Zanetis. D&A. OTD 1702'. Comp. 1-8-51. Recomp. 7-16-77. COTD 70'. Abd. loc. WF.

4N, 12W

19, 660'NL, 645'EL, SE SE. Marathon Oil Co. #RB-20 G. L. Miller. Spd. 10-20-76. Comp. 7-1-77. TD 982'. Water input. Bridgeport, top 809'. Lawrence.

MADISON COUNTY

4N, 8W

23, C E/2 NW NE. Joseph Foucek #1 Foucek. Abd. loc. WF.

23, NE NW NE. Joseph Foucek #2 Foucek. Abd. loc. WF.

MARION COUNTY

1N, 3E

19, SW SE SW. G.A.M. Oil Co. #2 James Brasel Comm. Abd. loc. Kell North.

2N, 2E

4, NW NE SE. Texaco, Inc. #10 T. Fisher, O/A Tonti Unit, Tract 3. Conversion. Was Bethel and McClosky producer converted to Spar Mountain and McClosky water input plugged back to Aux Vases producer. Comp. 8-11-77. COTD 2056'. Water input. Benoist, top 1955'; Aux Vases, top 2014'. Tonti.

20, 62'SL, 681'EL, NE. Texaco, Inc. #27 N. Young, O/A Salem Unit, Tract 29. Conversion. Was Devonian producer. Comp. 7-29-77. COTD 3435'. Water input. Devonian, top 3391'. Salem Consol.

28, 299'NL, 353'WL, NE SW SW. Texaco, Inc. #22 J. Chapman, O/A Salem Unit, Tract 76. Conversion. Was Devonian producer converted to Aux Vases water input. Comp. 8-20-77. COTD 3476'. IP 44 BOP/1102 BW. Devonian, top 3400'. Salem Consol.

29, 280'SL, 343'EL, SE SW SE. Texaco, Inc. #41 S. Shanafelt, O/A Salem Unit, Tract 85. Conversion. Was Magnolia Petroleum Co. #41 Sam Shanafelt. Was Devonian producer deepened to Trenton producer. Comp. 7-29-77. COTD 3440'. Water input. Devonian, top 3382'. Salem Consol.

MARION COUNTY (continued)

3N, 3E

Irr. 30, 330'SL, 330'WL, SE NE. Franklin Oil Co., Inc. #1 Donoho. OWWO. Was Goose Creek Oil. Was Salem producer. OTD 2810'. Was Comp. 6-1-74. Recomp. 6-14-77. COTD 2810'. D&A. Salem, top 2765'. Brubaker.

Irr. 30, 330'SL, 430'EL, SW SE. G.A.M. Oil Co. #1 C. Nave Comm. Abd. loc. Brubaker.

SANGAMON COUNTY

15N, 4W

9, 480'SL, 330'WL, NE NW. James U. Dodge #1 T A F T. Spd. 7-28-77. Comp. 8-1-77. TD 1700'. D&A. Devonian, top 1552'. WN - Riverton South.

WABASH COUNTY

1N, 13W

4, 660'NL, 680'EL, SW. Hayes-Wolf Brothers Oil Co. #1 Lancaster Comm. Spd. 8-5-77. Comp. 8-18-77. TD 4536'. D&A. Devonian, top 4308'. Lancaster.

Irr. 7, 330'SL, 1650'EL, N/2 NE. Charles E. Fisher, Jr. #1 Robert Jones. Spd. 7-29-77. Comp. 8-2-77. TD 2807'. D&A. McClosky, top 2798'. Lancaster Central.

WASHINGTON COUNTY

3S, 1W

18, 380'SL, 330'WL, NW SW. Charles P. Wood #2 SWD Frank Bujewski. Conversion. Was Cypress producer. Comp. 7-1-76 (est.). COTD 1230'. SWD. Cypress, top 1202'. Dubois Consol.

WAYNE COUNTY

2N, 6E

20, SW SE NE. Booth Oil Co., Inc. #1 Indian Prairie Farms. Spd. 7-24-77. Comp. 7-31-77. TD 3207'. D&A. McClosky, top 3101'. Zenith North.

2N, 7E

24, C W/2 NE SE. John D. Gordon #1-A Bothwell. Conversion. Was Cypress and McClosky producer. Comp. 8-1-76 (est.). COTD 3102'. Water input. Aux Vases, top 2908'. Clay City Consol.

2N, 8E

21, C E/2 NW SW. Santoro Oil Co., Inc. #1 Hosselton et al. Spd. 4-10-77. Comp. 7-26-77. TD 3582'. Oil producer, IP not available. Spar Mountain, top 3016', mca and acid. Clay City Consol.

1S, 5E

18, SW SE SW. Louis H. Kapp, Jr. #1 Sam Bradford. Spd. 7-26-77. Comp. 8-3-77. TD 3535'. D&A. Salem, top 3334'. Coil.

WAYNE COUNTY (continued)

1S, 5E

19, SW NE NW. Louis H. Kapp, Jr. #1 W. Donoho. OWWO. OWDD. Was Salem Oil Division #1 W. K. Donoho. Was D&A. OTD 3064'. Comp. 1-30-67. Recomp. 8-2-77. DTD 3550'. IP 480 BOF. Salem, top 3484'. Coil. NEW PAY IN FIELD.

28, NE SE SW. Fletcher F. Farrar #1 Montgomery. Spd. 7-27-77. Comp. 8-8-77. TD 4004'. D&A. Ullin, top 3772'. Keenville.

1S, 6E

14, C E/2 SE NW. Fletcher F. Farrar #1-A Dewey Bass. Spd. 7-7-77. Comp. 8-16-77. TD 3800'. IP 30 BOP/5 BW. Salem, top 3756', acid. Johnsonville South.

1S, 7E

1, SW SW SE. Shulman Brothers, Inc. #4 G. A. Mullinax, Northeast Geff Unit. OWDD. Was Pure Oil Co. #4 G. A. Mullinax. Was Aux Vases producer. OTD 3085'. Comp. 9-17-46. Recomp. 7-11-77. DTD 3144'. IP 4 BOP/1 BW. Ohara, top 3118'; Spar Mountain, top 3130'. Clay City Consol.

34, C N/2 SW NW. H. H. Weinert Estate #4 Muhlbach. OWDD. Conversion. Was Spar Mountain and McClosky producer converted to water input. OTD 3304'. Comp. 9-15-76 (est.). DTD 4029'. Oil well, IP not available. Salem, top 3920'. Clay City Consol.

1S, 8E

Irr. 19, 330'SL, 330'EL, SW. Gordon T. Jenkins #1 Staley. Spd. 4-13-77. Comp. 8-9-77. TD 4082'. IP 3 BOP/20 BW. McClosky, top 3295', mca and acid. Clay City Consol.

2S, 7E

Irr. 18, 990'NL, 330'EL, SW NE. Hobson Oil Co. #6 Bridges. Spd. 12-29-75. Comp. 5-5-76. TD 3345'. D&A. Ste. Genevieve, top 3282'. Clay City Consol.

2S, 9E

3, NW SW NW. Kendra Corp. #2 O'Daniel-Jones. Spd. 7-15-77. Comp. 8-2-77. TD 3858'. D&A. Salem, top 3788'. Half Moon.

14, 430'NL, 330'EL, SW SE. W. E. Brubeck #3 Arvel Mann. Spd. 5-21-77. Comp. 8-1-77. TD 3450'. IP 20 BOP/3 BW. Aux Vases, top 3278', frac.; McClosky, top 3416', acid. Goldengate Consol.

18, 360'NL, 330'EL, SE NE. Midwest Oil Producers #1 B. Carter. Spd. 7-23-77. Comp. 7-30-77. TD 4106'. D&A. Salem, top 3814'. Goldengate North Consol.

WHITE COUNTY

4S, 8E

32, SE SW NE. RK Petroleum Corp. #2 Orr et al. Spd. 7-9-77. Comp. 8-9-77. TD 3342'. IP 104 BOP. Aux Vases, top 3312', frac. Springerton South.

WHITE COUNTY (continued)

4S, 8E

32, NE SE SE. James F. Abercrombie #1 Stahl. Spd. 5-25-77. Comp. 7-1-77. TD 3331'. IP 70 BOP/0 BW. Aux Vases, top 3321', mca. Springerton South.

32, NE NE SE. RK Petroleum Corp. #4 Warthen Comm. Spd. 6-18-77. Comp. 8-2-77. TD 3342'. IP 18 BOP. Aux Vases, top 3327'. Springerton South.

34, SW SE NW. R K Petroleum Corp. #3 Kerwin Trust. Spd. 7-2-77. Comp. 8-16-77. TD 3339'. IP 56 BOP. Aux Vases, top 3321'. Springerton South.

34, SE SE NW. RK Petroleum Corp. #4 Kerwin Trust. Spd. 7-2-77. Comp. 8-16-77. TD 3336'. IP 80 BOP/trace of water. Aux Vases, top 3322', frac. Springerton South.

4S, 10E

22, SW SW NE. Eugene E. Morris #1 Gertrude Fobar. Spd. 7-14-77. Comp. 7-23-77. TD 3195'. D&A. McClosky, top 3176'. Crossville West.

5S, 8E

15, SE SE SW. RK Petroleum Corp. #1 James Bleeks. Spd. 7-22-77. Comp. 8-16-77. TD 3486'. D&A. McClosky, top 3437'. WN - Trumbull.

16, SW NE SE. William R. & Phyllis Becker #3 Triple AAA Ranch #3. OWWO. Was Weal Drlg. Co. #1 Paul Appel. Was D&A (SO). OTD 3441'. Comp. 1-11-61. Recomp. 8-16-77. COTD 3470'. IP 15 BOP/ trace of water. Ohara, top 3373', mca. EXTENSION TO ENFIELD NORTH.

7S, 9E

14, 25'SL, 395'EL, SW NW. Paul S. Knight #8 Harrell (Knight-Harrell-William Unit). Spd. 11-15-75. Comp. 12-20-75. TD 2300'. IP 25 BOP. Tar Springs, top 2250', frac. Herald Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH AUGUST 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CHRISTIAN COUNTY

11-15N-1W, NE NE NE. Donald E. Brown #1 Stewart. 1930'. 7-9-77. Blackland.

CLAY COUNTY

10-4N-7E, NW NE NE. Kingwood Oil Co. #1 Grace McGary. 3051'. 6-22-77. Sailor Springs Consol.

12-4N-7E, NE NW NE. Robert E. Trimpe #1 J. Stanley. 3054'. 7-14-77. Sailor Springs Consol.

3-5N-5E, SE SW NE. Black Gold Development Co. #1 Norbut. 2505'. 7-28-77. Iola Consol.

3-5N-5E, NE SE SE. K Oil Inc. #3 Oboikovitz. 2453'. 8-1-77. Iola Consol.

3-5N-5E, SE NW SE. M. Kiernan #1 C. E. Fost, formerly C. R. Winn. 2444'. 8-1-77. (Salt water disposal, formerly a producer.) Iola Consol.

CRAWFORD COUNTY

2-6N-13W, 660'SL, 330'WL, SW NE. Caliente Oil Co. #12 Miller. 968'. 8-2-77. (Not identified with Geological Survey Records.) Main Consol.

2-6N-13W, 330'NL, 660'EL, SE NW. Caliente Oil Co. #13 Miller. 960'. 7-11-77. (Not identified with Geological Survey Records.) Main Consol.

EDWARDS COUNTY

Irr. 31-1N-11E, 1750'NL, 990'EL, NE. Wayne Morris Oil/Gas Operations #1 Roy Gill. 2438'. 7-8-77. Samsville.

GALLATIN COUNTY

11-8S-9E, NE NE SW. Ashland Oil & Refining Co. #1 G. L. Jones, formerly Texas Co. 2577'. 7-5-77. (Water input, formerly a producer.) Inman West Consol.

11-8S-9E, NE SE SW. Ashland Oil & Refining Co. #3 G. L. Jones, formerly Herndon Drlg. Co. 2524'. 6-23-77. (Water input, formerly a producer.) Inman West Consol.

11-8S-9E, SW SW SW. Mac Oil Co. #3 George Jones, formerly Acme Oil Investors, Inc. 2535'. 6-22-77. (Water input, formerly a producer.) Inman West Consol.

11-8S-9E, NW SE NE. Ashland Oil & Refining Co. #3 F. H. Williams, formerly Texas Co. 2532'. 7-7-77. (Water input, formerly a producer.) Inman West Consol.

14-8S-9E, NW NE NW. Lohman Johnson Drlg. Inc. #1 Foster. 2518'. 6-20-77. Inman West Consol.

14-8S-9E, NW SE NW. Lohmann-Johnson Drlg. Co. #3 L. Foster. 2545'. 6-17-77. Inman West Consol.

JASPER COUNTY

25-6N-9E, SE NE NE. Donald E. Schmitt #1 N. Ochs. 3035'. 7-18-77. Clay City Consol.

13-7N-10E, 660'NL, 330'WL, SW SW. F. M. Minor Drlg. Co. #3 Floyd Cox. 2584'. 7-11-77. Clay City Consol.

JASPER COUNTY (continued)

13-7N-10E, SW NW SW. Robinson-Puckett, Inc. #2 Nelson Cox. 2540'. 7-7-77. Clay City Consol.

34-7N-10E, 330'NL, 660'EL, SE NE NW. Middlesex Associates Oil Co. #1-A Dhom Heirs. 2993'. 7-26-77. Clay City Consol.

LAWRENCE COUNTY

4-3N-12W, 150'SL, 230'EL, SW SW. Ohio Oil Co. #7 Phillip Moore. 1598'. 5-9-77. Lawrence.

25-3N-12W, 220'SL, 190'WL, SE SE. Marathon Oil Co. #4 J. E. Finley, formerly International Oil & Gas #4 Seed. 1645'. 5-25-77. Lawrence.

25-3N-12W, 180'SL, 210'WL, SE SE. Marathon Oil Co. #1 J. E. Finley, formerly International Oil & Gas #1 S. M. Seed. 1645'. 5-24-77. Lawrence.

19-4N-12W, 805'SL, 200'WL, SW. Ohio Oil Co. #4 C. C. Brown. 1470'. 6-14-77. Lawrence.

29-4N-12W, 260'SL, 250'WL, SE NW. Marathon Oil Co. #13 Wm. Ross Heirs, formerly Silurian Oil Co. #13 B & R. 1350'. 6-1-77. Lawrence.

RICHLAND COUNTY

1-4N-9E, NW NW NE. John W. Rudy #3 Cox-Varner Comm. 2822'. 7-16-77. Clay City Consol.

1-4N-9E, 330'NL, 380'EL, NE. Bradley Producing Corp. #3 Carter Cox, formerly John W. Rudy. 2786'. 7-14-77. (Water input, formerly a producer.) Clay City Consol.

1-4N-9E, SE NE NE. Bradley Producing Corp. #4 Carter Cox, formerly John W. Rudy. 2786'. 7-13-77. Clay City Consol.

4-3N-10E, SE NE SW. Frank Yockey #1 G. Herman, formerly Don Slape #1 Florence Herman. 3982'. 7-6-77. Olney South.

WAYNE COUNTY

10-1N-8E, NE SW NW. Midwest Oil Producers #1 Bourland. 3782'. 7-16-77. Clay City Consol.

WHITE COUNTY

5-4S-10E, SE NE NE. Raymond A. Messman #1 Kenneth Waggoner. 2941'. 7-8-77. Centerville East.

Some Recent Publications of Interest to
The Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet.	99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet.	101.	Underground Storage of Natural Gas in Illinois---1973 (1974).
Ill. Pet.	102.	Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
Ill. Pet.	104.	Underground Storage of Natural Gas (1975).
Ill. Pet.	105.	Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet.	106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet.	109.	Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet.	110.	Petroleum Industry in Illinois in 1975 (1976).
Cir. 458.		Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Cir. 470.		Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Cir. 482.		The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.		Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
EGN 62.		Energy Supply Problems for the 1970s and Beyond (May 1973).
		Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned
Acid — Acid treatment
BOF — Barrels of oil flowing
BOP — Barrels of oil on pump
BW — Barrels of water
C — Center
Comp. — Completed
Consol. — Consolidated
COTD — Clean-out total depth
Csg. — Casing
D & A — Dry and abandoned
Dol. — Dolomite
DTD — Drilled deeper total depth
E/2 — East $\frac{1}{2}$
EL — From the east line
Est. — Estimated
Ext. — Extension(s)
Fm. — Formation
Fr. — Fractional
Frac. — Hydraulic fracture treatment
IP — Initial production
L — Line
Loc. — Location
Ls. — Limestone
N/2 — North $\frac{1}{2}$
Nat. — Natural, no treatment
NE — Northeast $\frac{1}{4}$
NL — From the north line
NW — Northwest $\frac{1}{4}$
OTD — Old total depth
OWDD — Old well drilled deeper
OWWO — Old well worked over
PB — Plugged back
PBTD — Plugged-back total depth
R — Range
S/2 — South $\frac{1}{2}$
SE — Southeast $\frac{1}{4}$
SG — Show of gas
Sh. — Shale
SIGW — Shut-in gas well
SL — From the south line
SO — Show of oil
Spd. — Spudded
Ss. — Sandstone
SSO — Slight show of oil
SW — Southwest $\frac{1}{4}$
Swb. — Swabbing
SWD — Salt water disposal well
T — Township
TD — Total depth
Temp. abd. — Temporarily abandoned
W/2 — West $\frac{1}{2}$
WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
WL — From the west line
WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)

no. 491
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State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

No. 491 September 1977
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DISCOVERIES

New Fields

COOPERSTOWN. Brown County, 26-1S-2W, Silurian at 510'.
Discovery well, De-Kane Oil Co. #1 H. Leverton, IPF 350,00 cu.ft.gas.

New Pay Zones in Fields

BROWNS EAST. Wabash County, 14-2S-14W, Ohara at 2941'.
Discovery well, Hocking Oil Co., Inc. #1 Shain-Dunkel Unit, IP 15 BOP from Ohara and Salem.

KEENVILL EAST, Wayne County, 36-1S-5E, Salem at 3626'.
Discovery well, R. L. Burns #36-1 Shreve, IP 42 BOP, 21 BW.

Extensions to Fields

ELDORADO CONSOLIDATED. Saline County, 28-8S-7E, #5 Coal at 403'.
Discovery well, Petro-Search Associates, Inc. #1-P Sutton (OWWO, was D&A), IPF 500,000 cu.ft.gas.

LOUDEN. Effingham County, 30-9N-4E, Devonian at 3148'.
Discovery well, John Carey Oil Co., Inc. #1 John Larimore, IP 97 BOP.

ILLINOIS STATE
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TABLE 1

New Pools Discovered from October 1976 through September 1977

Pool:	County	Twp.	Rng.	Pool:	County	Twp.	Rng
October 1976				April			
None				None			
November				May			
Ferrin:	Clinton County	2N	1W	None			
December				June			
None				None			
January 1977				July			
None				None			
February				August			
None				None			
March				September			
None				Cooperstown (gas)	Brown County	1S	2W

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	Production in Thousands of Barrels
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,251
Apr.	46	0	3	42	7	20	10	6	78	2,261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2,222
Dec.	90	0	5	80	15	57	15	9	161	2,238
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,272
1977										
Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	58(1)	0	0	53(1)	5	22	10	0	86	2,274
June	58(3)	0	1	54(3)	5	32	12	7	108	2,214
July	40(1)	0	1(2)	39(3)	2	26	13	3	84	2,180
Aug.	29(3)	0	1(1)	28(4)	2	23	3	2	60	2,238
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103	2,165

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through August 1977 are from reports received directly from crude gathering companies. The figure for September 1977 is estimated.

TABLE III

Drilling by Counties, Oil and Gas, September 1977

County	Permits to Drill°	Total Comp.	Production Tests: New Holes: Prod.	Production Tests: New Holes: D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions Were: Prod.	Service Wells: Conversions Were: Others	Structure Tests
Brown	1	1	1*	-	-	-	-	-	-
Champaign	-	-	-	-	-	-	-	-	-
Christian	1	4	-	1	-	-	3	-	-
Clark	9	7	5	1	-	1	-	-	-
Clay	5	12	7	4	-	-	1	-	-
Clinton	1	5	3	1	1	-	-	-	-
Coles	1	-	-	-	-	-	-	-	-
Crawford	16	16	10	3	-	3	-	-	-
Cumberland	1	-	-	-	-	-	-	-	-
DeWitt	-	1	-	1	-	-	-	-	-
Edgar	2	-	-	-	-	-	-	-	-
Edwards	10	3	1	1	-	-	-	1	-
Effingham	6	4	4	-	-	-	-	-	-
Fayette	-	3	1	1	-	1	-	-	-
Franklin	6	-	-	-	-	-	-	-	-
Gallatin	2	2	2	-	-	-	-	-	-
Hamilton	8	-	-	-	-	-	-	-	-
Jasper	2	4	2	1	1	-	-	-	-
Jefferson	9	5	3	2	-	-	-	-	-
Lawrence	3	3	-	2	-	1	-	-	-
McLean	1	-	-	-	-	-	-	-	-
Macoupin	1	-	-	-	-	-	-	-	-
Madison	7	-	-	-	-	-	-	-	-
Marion	4	-	-	-	-	-	-	-	-
Monroe	1	-	-	-	-	-	-	-	-
Montgomery	-	1	-	1	-	-	-	-	-
Pope	1	-	-	-	-	-	-	-	-
Randolph	5	-	-	-	-	-	-	-	-
Richland	1	4	3	1	-	-	-	-	-
Saline	1	1	-	-	1*	-	-	-	-
Wabash	4	6	4	2	-	-	-	-	-
Washington	4	3	1	2	-	-	-	-	-
Wayne	37	23	14	8	-	1	-	-	-
White	16	13	4	6	3	-	-	-	-
Williamson	2	-	-	-	-	-	-	-	-
	168	121	65	38	6	7	4	1	-

*gas well

°Issued by Department of Mines and Minerals, Springfield, Illinois August 26, 1977 through September 29, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, September 1977

County	Permits to drill*	Total Comp.	Injection & Withdrawal New Wells	Injection & Withdrawal Conversions	Service Wells New Wells	Service Wells Conversions
Champaign	2	-	-	-	-	-
Livingston	3	-	-	-	-	-

In addition to the above, 6 permits to drill structure tests were issued, and 20 structure tests were reported drilled in September in connection with natural gas storage.

*Issued by Department of Mines and Minerals, Springfield, Illinois August 26, 1977 through September 29, 1977.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

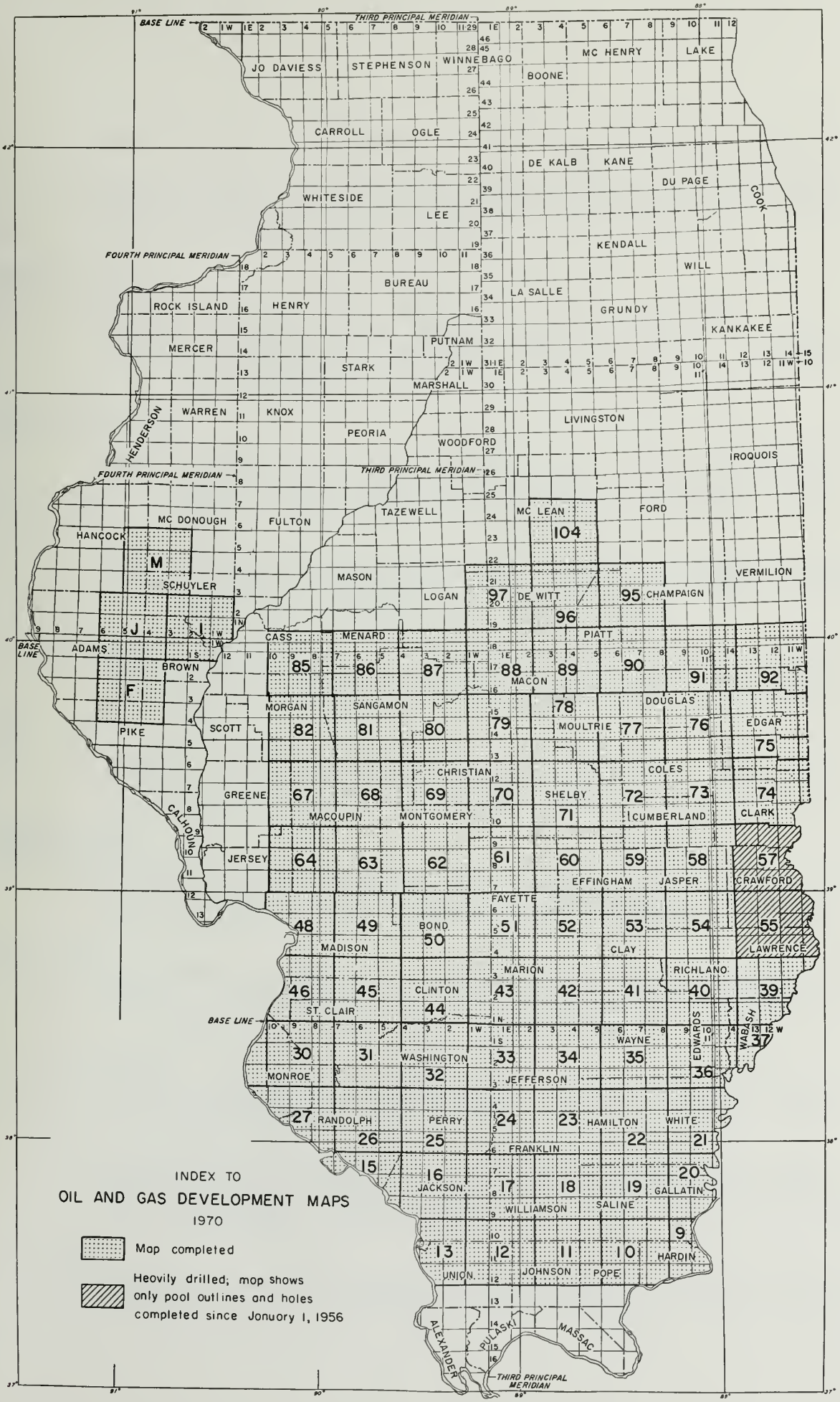
The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at $1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for $1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.


BASE LINE
THIRD PRINCIPAL MERIDIAN
FOURTH PRINCIPAL MERIDIAN
JO DAVIESS
STEPHENSON
WINNEBAGO
BOONE
MC HENRY
LAKE
CARROLL
OGLE
DE KALB
KANE
DU PAGE
COOK
WHITESIDE
LEE
KENDALL
WILL
BUREAU
LA SALLE
GRUNDY
ROCK ISLAND
HENRY
KANKAKEE
PUTNAM
MERCER
STARK
MARSHALL
WARREN
KNOX
HENDERSON
PEORIA
WOODFORD
LIVINGSTON
IROQUOIS
TAZEWELL
MC LEAN
FORD
MC DONOUGH
FULTON
HANCOCK
SCHUYLER
MASON
LOGAN
DE WITT
CHAMPAIGN
VERMILION
ADAMS
BROWN
CASS
MENARD
PIATT
MACON
MORGAN
SANGAMON
DOUGLAS
PIKE
SCOTT
MOULTRIE
EDGAR
CHRISTIAN
COLES
GREENE
SHELBY
CLARK
MACOUPIN
MONTGOMERY
CUMBERLAND
CALHOUN
JERSEY
EFFINGHAM
JASPER
CRAWFORD
FAYETTE
BOND
MADISON
CLAY
LAWRENCE
MARION
RICHLAND
CLINTON
ST. CLAIR
WAYNE
EDWARDS
WABASH
WASHINGTON
MONROE
JEFFERSON
RANDOLPH
PERRY
HAMILTON
WHITE
FRANKLIN
JACKSON
GALLATIN
WILLIAMSON
SALINE
HARDIN
UNION
JOHNSON
POPE
ALEXANDER
PULASKI
MASSAC
THIRD PRINCIPAL MERIDIAN
INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970
Map completed
Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELLS COMPLETED FROM AUGUST 27, 1977 TO SEPTEMBER 30, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WF) is more than 1½ miles from production.

BROWN COUNTY

1S, 2W

26, SW SW SW. De-Kane Oil Co. #1 H. Leverton. Spd. 6-2-77. Comp. 6-18-77. TD 516'. IP 350 MCFG. Silurian, top 510'. DISCOVERY OF COOPERSTOWN FIELD.

CHRISTIAN COUNTY

13N, 3W

3, 330'SL, 340'EL, SW SE. Joe Simpkins Oil Dev. #4 Peabody-Linton. Conv. Was Devonian producer. Comp. 8-3-77. COTD 1821'. Water input. Devonian, top 1810'. Kincaid Consol.

3, 330'SL, 390'EL, SE. Joe Simpkins Oil Dev. #6 Peabody-Linton. Conversion. Was Devonian producer. Comp. 8-2-77. COTD 1817'. Water input. Devonian, top 1803'. Kincaid Consol.

10, 395'SL, 330'EL, NE NW. Joe Simpkins Oil Dev. #3 Maras. Conversion. Was Devonian producer. Comp. 8-4-77. COTD 1844'. Water input. Devonian, top 1828'. Kincaid Consol.

14N, 2W

20, NE NW SE. Robert H. Evans #1 Hedden. Spd. 6-9-77. Comp. 8-23-77. TD 1997'. D&A. Silurian, top 1922'. Sharpsburg.

CLARK COUNTY

9N, 13W

13, NE SW SW. James B. Orrell #1 Lyman Crumrin. Spd. 7-15-77. Comp. 8-1-77. TD 870'. D&A. Isabel, top 840' (approx.). Melrose.

10N, 13W

Irr. 19, 330'NL, 425'EL, SW SW. Van Fossan Associates #1 Newman. Spd. 7-9-77. Comp. 8-12-77. TD 2846'. IP 40 BOP/trace of water. Trenton, top 2742', acid. Martinsville.

30, SW SE SE. M. C. Milam #1 Thomas Coats. Spd. 4-12-77. Comp. 7-20-77. TD 2910'. IP 35 BOP/3 BW. Trenton, top 2842', acid. Martinsville.

Irr. 31, 330'NL, 330'WL, NE NE. M. C. Milam #2 Thomas Coats. Spd. 4-26-77. Comp. 6-23-77. TD 2910'. IP 4 BOP/4 BW. Trenton, top 2799', acid. Martinsville.

11N, 12W

10, SE SE NW. Comanche Oil Corp. #1 Donald Guinnip Trustee. Abd. loc. WF.

CLARK COUNTY (continued)

11N, 14W

3, 660'NL, 700'EL, SW NW. Paul E. Young #1-F Harper Houghton. Spd. 8-26-76. Comp. 9-22-76. TD 325'. Water input. Westfield, top 318'. Westfield.

4, SE SE NW. Jack H. Mankin #8 Belva Turner. Spd. 8-1-77. Comp. 8-23-77. TD 376'. IP 3 BOP. Pennsylvanian, top 318'. Westfield.

4, NE NE SW. Jack H. Mankin #10 Belva Turner. Spd. 7-15-77. Comp. 9-13-77. TD 360'. IP 3 BOP. Pennsylvanian, top 300', shot. Westfield.

CLAY COUNTY

2N, 5E

13, 890'NL, 690'EL, NW. J. W. Rudy Co. #1 S. Joplin. Spd. 8-27-77. Comp. 9-13-77. TD 2566'. D&A. Cypress, top 2554'. Xenia East.

2N, 6E

14, SE NE NW. Donald L. Lewis #1 Sparlin. Spd. 11-15-76. Comp. 8-23-77. TD 3602'. D&A. Salem, top 3410' (approx.). Flora Southeast.

2N, 7E

14, SW NE SW. John M. Zanetis #2 Hale-Henderson. Spd. 8-12-77. Comp. 8-24-77. TD 3025'. IP 75 BOP/0 BW. Aux Vases, top 2954', mca and frac. Clay City Consol.

14, NE SW SW. John M. Zanetis #2 Henderson. Spd. 7-18-77. Comp. 8-30-77. TD 3030'. IP 250 BOP. Aux Vases, top 2950'. Clay City Consol.

14, NW SW SW. John M. Zanetis #3 Henderson. Spd. 7-5-77. Comp. 8-30-77. TD 3605'. IP 150 BOP. Aux Vases, top 2958', frac. Clay City Consol.

14, SW SW SE. John M. Zanetis #2 A. Stanford. Spd. 7-28-77. Comp. 8-30-77. TD 3026'. IP 50 BOP. Aux Vases, top 2944'. Clay City Consol.

2N, 8E

10, NW NE SW. James A. Gray #1 Brother-Russell Comm. Spd. 9-19-76. Comp. 10-20-76 (est.). TD 3920'. D&A. Ullin, top 3810' (approx.). Clay City Consol.

17, NW NE NW. Union Oil Co. of California #4 Henry R. Bissey. Spd. 6-21-77. Comp. 8-30-77. TD 3690'. IP 283 BOP/270 BW. Salem, top 3557', frac. Clay City Consol.

17, SW SE NW. Union Oil Co. of California #3 Eugene Henderson. Spd. 6-8-77. Comp. 8-5-77. TD 3699'. IP 7 BOP/145 BW. Cypress, top 2668', frac; McClosky, top 3014', acid and frac. Clay City Consol.

CLAY COUNTY (continued)

2N, 8E

Irr. 18, 330'SL, 330'EL, NE NE. Union Oil Co. of Calif. #25 Leon Clark. Spd. 7-8-77. Comp. 9-11-77. TD 3690'. IP 58 BOP/57 BW. Salem, top 3532', acid and acid frac. Clay City Consol.

4N, 5E

11, NW NE NE. "K" Oil, Inc. #1 Marion Coleman. Spd. 8-16-77. Comp. 8-20-77. TD 2615'. D&A. McClosky, top 2596'. Iola South.

4N, 8E

Irr. 19, 990'SL, 330'WL, NW. McKinney Oil Producer, Inc. #2-SWD Dale Stanley. Conversion. Was Spar Mountain producer. Comp. 9-9-77. COTD 2984'. SWD. Spar Mountain, top 2969'. Sailor Springs North.

CLINTON COUNTY

1N, 5W

33, SE SE NE. Elmer Oelze, Jr. #1 Lacy. OWWO. Was F. E. Anderson #1 Hullning. Was D&A. OTD 2101'. Comp. 10-30-51. Recomp. 6-10-77. COTD 2101'. IP 15 BOP/20 BW. Silurian, top 2057'. New Memphis.

33, 330'NL, 680'EL, SE. Elmer Oelze, Jr. #1 Kalmer Lacy Comm. Spd. 11-13-76. Comp. 8-10-77. TD 2054'. IP 21 BOP/5 BW. Silurian, top 2034'. New Memphis.

34, SW NE SW. Elmer Oelze, Jr. #1 Lauf. Spd. 11-7-76. Comp. 8-15-77. TD 2055'. IP 15 BOP/8 BW. Silurian, top 2035', frac. New Memphis.

2N, 3W

11, SE NW NW. T. R. Kerwin & Edward Lampen #1 Schroer. Spd. 9-13-77. Comp. 9-19-77. TD 1050'. D&A. Cypress, top 1040' (approx.). Carlyle.

3N, 3W

Irr. 31, 380'SL, 330'EL, SW. Elmer Oelze, Jr. #1-A Schroeder. Spd. 12-8-76. Comp. 5-15-77. TD 2310'. IP 4 BOP/150 BW. Devonian-Silurian, top 2205', acid. Frogtown North.

CRAWFORD COUNTY

5N, 12W

Irr. 4, 330'SL, 360'WL, SW. Louis H. Kapp, Jr. #1 Charles Seiler. Abd. loc. Main Consol.

6, NW NW SW. Black and Black Oil Co. #1 Hoke. Spd. 6-29-77. Comp. 9-8-77. TD 4115'. IP 24 BOP/0 BW. Trenton, top 4046', acid. Main Consol.

12, SW NE SW. Triple "B" Oil Producers, Inc. #1 C. I. Gerhart. Spd. 5-11-77. Comp. 8-30-77. TD 978'. Oil producer, IP not available. Robinson, top 904', frac. Main Consol.

CRAWFORD COUNTY (continued)

5N, 13W

2, NE NW SW. Energy Resources of Indiana, Inc. #1 Mark Ford, Jr. Spd. 9-20-76. Comp. 8-30-77. TD 1195'. IP 3 BOP/21 BW. Robinson, top 914', acid. Main Consol.

2, SE SE SE. Energy Resources of Ind., Inc. #7 Richart Heirs. Spd. 2-4-77. Comp. 8-30-77. TD 1410'. IP 5 BOP/20 BW. Robinson, top 856'. Main Consol.

12, C N/2 NE NE. Black & Black Oil Co. #1 A. P. Mann. Spd. 5-17-77. Comp. 8-30-77. TD 4190'. IP 19 BOP/10 BW. Trenton, top 4110', mca and frac. Main Consol.

12, 330'NL, 825'EL, NE. Black and Black Oil Co. #2 A. P. Mann. Spd. 9-13-77. Comp. 9-17-77. TD 1497'. D&A. Ste. Genevieve, top 1421'. Main Consol.

6N, 12W

20, C E/2 SE SE. Reiter Oil Development #2 Bill Reinoehl. Spd. 7-21-77. Comp. 9-1-77. TD 1505'. IP 5 BOP/30 BW. Aux Vases, top 1483', mca and frac. Main Consol.

29, SE SW NE. Triple "B" Oil Prod., Inc. #1 Doll Bros. Spd. 8-8-77. Comp. 8-10-77. TD 911'. D&A. Robinson, top 894'. Main Consol.

6N, 13W

15, 582'SL, 1456'WL, SW. Marathon Oil Co. #GI-7 M-1 Unit. Spd. 7-28-77. Comp. 8-5-77. TD 1004'. Observation well. Robinson, top 872'. Main Consol.

35, 358'SL, 927'EL, NE. Marathon Oil Co. #1 L. O. Stagner et al. Spd. 4-29-77. Comp. 7-20-77. TD 4013'. IP 144 BOP/13 BW. Trenton, top 3888', acid and frac. Main Consol.

36, SE SW NW. Lamar Properties #2-A George Utley. Spd. 7-23-77. Comp. 8-30-77. TD 1734'. Temp. abd. Salem, top 1692'. Main Consol.

36, 331'SL, 388'WL, NW SW. Marathon Oil Co. #1 Gladys White. Spd. 6-29-77. Comp. 9-11-77. TD 4031'. IP 167 BOP/6 BW. Trenton, top 3928', acid. Main Consol.

7N, 12W

10, 896'NL, 894'EL, NE. Mason Oil Co. #2 Charles N. Newlin. Spd. 12-30-76. Comp. 4-29-77. TD 1100'. Water input. Robinson, top 1014'. Main Consol.

7N, 13W

15, 719'NL, 347'EL, SW SW. Marathon Oil Co. #0-1 Sam Henry, A/C 1, 219-R Unit. Spd. 9-22-76. Comp. 9-27-76. TD 1050'. Observation. Robinson sand, top not available. Main Consol.

CRAWFORD COUNTY (continued)

7N, 13W

20, C SW SE. Marathon Oil Co. #1 John Best. Spd. 6-16-77. Comp. 8-1-77. TD 2970'. IP 24 BOP/96 BW. Devonian, top 2870', acid. Main Consol.

8N, 12W

32, SE NE SW. Bellair Oil Co. #3 Richards-Novosel. Spd. 2-18-77. Comp. 9-6-77. TD 1080'. IP 12 BOP/40 BW. Robinson, top 1029', frac. Main Consol.

DE WITT COUNTY

21N, 2E

25, SE NW SW. John Fawcett #1 Brown. Spd. 7-25-77. Comp. 7-31-77. TD 1126'. D&A. Borden, top 1020'. WF.

EDWARDS COUNTY

1N, 10E

8, NW SE SW. Hocking Oil Co., Inc. #1 James Miller. OWWO. OWDD. Was J. O. Blasingame #1 J. W. Miller. Was D&A. OTD 3287'. Comp. 6-27-50. Recomp. 9-6-77. DTD 4050'. D&A. Salem, top 3690'. Maple Grove Consol.

27, 330'NL, 560'WL, NE NW. Spartan Petroleum Co. #1-SWD Knackmuhs. Conversion. Was D&A. Was temp. abd. OTD 3340'. Comp. 7-19-77. Recomp. 8-20-77. COTD 2660' (est.). SWD. Tar Springs, top 2610'. Samsville West.

3S, 10E

9, C N/2 NW SE. M. V. Ring #2 Hoover. Spd. 6-9-77. Comp. 7-20-77. TD 3285'. IP 20 BOP. Ohara, top 3234', mca. Albion West.

9, SE SW NE. M. V. Ring #2 Carroll Perkins. Spd. 8-17-77. Comp. 8-25-77. TD 3333'. D&A. McClosky, top 3310'. Albion West.

EFFINGHAM COUNTY

9N, 4E

30, SE NW SW. John Carey Oil Co., Inc. #1 John Larimore. Spd. 5-12-77. Comp. 7-6-77. TD 3198'. IP 97 BOP/0 BW. Devonian, top 3148', acid. EXTENSION TO LOUDEN.

31, 355'SL, 660'WL, NW NE. Texill Energy Corp. #1 Matson. Spd. 6-28-77. Comp. 9-1-77. TD 3116'. IP 50 BOP & F/0 BW. Devonian, top 3109', nat. Louden.

31, C N/2 NE SW. Tri-Star Producing, Inc. #3 Maxfield. Spd. 6-5-77. Comp. 7-22-77. TD 3173'. IP 55 BOP/0 BW. Devonian, top 3106', nat. Louden.

31, SW SE SW. Tri-Star Producing, Inc. #4 Maxfield. Spd. 6-15-77. Comp. 7-29-77. TD 3114'. IP 80 BOP/0 BW. Devonian, top 3108', nat. Louden.

FAYETTE COUNTY

7N, 3E

29, 450'NL, 608'EL, NW NW. Exxon Corp. #9 Lewis Ripley. Spd. 5-30-77. Comp. 6-5-77. TD 1600'. Observation. Cypress, top 1560' (est.). Louden.

29, 450'NL, 686'EL, NW NW. Exxon Corp. #10 Lewis Ripley. Spd. 6-6-77. Comp. 6-13-77. TD 1573'. Oil well, IP not available. Cypress, top 1548', nat. Louden.

9N, 3E

26, SE SW SW. Donald L. Lewis #1 Olinger. Spd. 5-15-76. Comp. 8-29-77. TD 2307'. D&A. Salem, top 2095'. WN - Louden.

35, SW SW SE. W. L. Belden #7 Gordon. Abd. loc. Louden.

GALLATIN COUNTY

8S, 10E

4, SE SW NW. George Mitchell Drlg. Contractor #1 Downen. Spd. 8-16-77. Comp. 9-11-77. TD 2819'. IP 30 BOP/0 BW. Joppa, top 2758', nat. Inman East Consol.

10, NW SW NW. George Mitchell Drlg. Contractor #4 Van Tuyl. Spd. 7-21-77. Comp. 9-4-77. TD 2429'. IP 20 BOP. Cypress, top 2414', shot. Inman East Consol.

HAMILTON COUNTY

4S, 7E

13, NE SW NW. Gadau Oil Co. #1 Marvin Dozier. OWWO. Was C. E. Brehm #1 F. Becker. Was D&A. OTD 3522'. Comp. 12-28-50. Recomp. 8-22-77. TD 3495'. Junked hole. Bungay Consol.

7S, 7E

12, NE NE SW. Reynolds & Vincent #1 R. E. McKenzie. OWWO. OWDD. Was J. D. Turner #1 McKenzie. Was D&A. OTD 3219'. Comp. 9-9-76. Recomp. 8-14-77. DTD 4340'. D&A. Ullin, top 4192'. WN - Roland Consol.

JASPER COUNTY

6N, 10E

1, NE SE NE. Walter K. Howard #2 C. E. Bruner. Spd. 7-23-77. Comp. 8-21-77. TD 2720'. IP 81 BOP/trace of water. McClosky, top 2654', acid and frac. Clay City Consol.

6N, 11E

Irr. 6, 330'SL, 330'EL, SW SE. J. E. Ste. Pierre & George Loving #1 C. Chapman. Spd. 6-3-77. Comp. 7-15-77. TD 2740'. IP 6 BOP/28 BW. McClosky, top 2662' (est.), acid and frac. Clay City Consol.

6N, 14W

3, NW SW SW. James A. Southerland #1 K. Sheridan Comm. Spd. 8-18-77. Comp. 8-25-77. TD 2937'. D&A. Salem, top 2875' (approx.). WF.

JASPER COUNTY (continued)

7N, 11E

Irr. 31, 488'SL, 330'WL, SW. Parrish Prod. Co. #1 Goelter. OWWO. OWDD. Was George & Wrather #1 Ferguson. Was D&A. OTD 2641'. Comp. 10-12-48. Recomp. 9-2-77. DTD 2758'. IP 28 BOP/20 BW. McClosky, top 2642'. Clay City Consol.

JEFFERSON COUNTY

1S, 3E

13, C N/2 SW NW. David F. Herley #1 P. McGinley. Spd. 11-20-76. Comp. 1-19-77. TD 3250'. IP 28 BOP/trace of water. Salem, top 3230', frac. Divide Consol.

1S, 4E

21, SE NW SE. Farmer's Petroleum Coop., Inc. #1 Ellis-Ward Comm. Spd. 7-20-77. Comp. 7-31-77. TD 3498'. D&A. Ullin, top 3390'. Divide Consol.

23, NW NE NE. Hobson Oil Co. #1 Byars. Spd. 8-15-77. Comp. 9-6-77. TD 3430'. D&A. Salem, top 3202'. Coil West.

23, NE NE NW. R. L. Burns Corp. #23-1 Weaver. Spd. 6-27-77. Comp. 8-19-77. TD 3553'. IP 23 BOP/28 BW. Salem, top 3209', acid. Coil West.

3S, 3E

7, 330'NL, 880'EL, NW. Albert Gentles #5 Gee. Spd. 6-12-77. Comp. 7-25-77. TD 2817'. IP 22 BOP/72 BW. McClosky, top 2803', acid. Mt. Vernon.

LAWRENCE COUNTY

2N, 12W

10, C S/2 NE. Frances Gillespie #W-3 Deckard. Abd. loc. Lawrence.

3N, 13W

13, NE NW SW. Reinhold Oil Producers #2 Staats. Spd. 8-12-76. Comp. 1-5-77. TD 2348'. D&A. St. Louis, top 2323'. Lawrence West.

4N, 11W

8, SE NE NE. Trishco Oil Co. #1 Harold Watkins. Spd. 8-16-77. Comp. 9-13-77. TD 2290'. D&A. Salem, top 2132'. Pinkstaff.

4N, 12W

18, 4'SL, 11'EL, NE SW. Marathon Oil Co. #NN-11 Perry King acc. 1 & 2. Spd. 7-5-77. Comp. 7-18-77. TD 1410'. Water input. Cypress, top 1307'. Lawrence.

MARION COUNTY

2N, 2E

31, 280'NL, 330'EL, NW SE. Texaco, Inc. #14 L. E. Dunning "A", O/A Salem Unit, Tract 120. Conversion. Was Devonian producer, deepened to Trenton producer and converted to Aux Vases water input. Comp. 9-14-77. COTD 3415'. IP 162 BOP/437 BW. Devonian, top 3296'. Salem Consol.

WABASH COUNTY (continued)

1S, 13W

30, SW SE NE. Hocking Oil Co., Inc. #1 Tanquary Heirs. Spd. 9-16-77. Comp. 9-21-77. TD 2900'. D&A. Ste. Genevieve, top 2823'. New Harmony Consol.

1S, 14W

12, NW NE SE. Hocking Oil Co., Inc. #1 Keepes Heirs. OWWO. OWDD. Was R K Petroleum Co. #1 Hazel Keepes. Was D&A. OTD 2887'. Comp. 7-10-72. Recomp. 9-15-77. DTD 3625'. D&A. Salem, top 3248'. WN - New Harmony Consol.

2S, 13W

Irr. 19, 1530'NL, 330'EL, NW. Gilbert A. Higgins #3 Clarence Schmidt. Spd. 7-23-77. Comp. 8-23-77. TD 1705'. IP 25 BOP/2 BW. Biehl, top 1690'. New Harmony Consol.

2S, 14W

14, NW NW NW. Hocking Oil Co., Inc. #1 Shain-Dunkel Unit. Spd. 7-23-77. Comp. 8-22-77. TD 3729'. IP 15 BOP/0 BW. Ohara, top 2941'; Salem, top 3394'. Browns East. OHARA NEW PAY IN FIELD.

WASHINGTON COUNTY

1S, 4W

15, SW SE SE. Louis H. Kapp, Jr. #1 Susie Baldwin. Spd. 7-25-77. Comp. 9-7-77. TD 2435'. D&A. Devonian, top 2420'. Okawville.

3S, 1W

6, NW SW NW. Cecil W. Newcomb #1 Carl Mill. Spd. 8-24-77. Comp. 8-27-77. TD 1468'. D&A. Benoist, top 1462'. WN - Dubois Consol.

17, NE NW NW. Farm Feeds Construction, Inc. #2 Klaybor. Spd. 12-11-76. Comp. 5-27-77. TD 1286'. IP 5 BOP. Cypress, top 1210', mca and frac. Dubois Consol.

WAYNE COUNTY

1N, 6E

4, NW SW NE. Booth Oil Co., Inc. #1 George Martin. OWWO. OWDD. Was W. Duncan #1 J. W. Harrell. Was D&A. OTD 3290'. Comp. 2-23-54. Recomp. 8-15-77. DTD 3850'. D&A. Salem, top 3719'. Zenith East.

Irr. 30, 330'NL, 330'EL, NE. Booth Oil Co., Inc. #1 Oakley Ellis. OWWO. OWDD. Was Perry Fulk #1 Ellis. Was D&A. OTD 3216'. Comp. 2-14-63. Recomp. 7-2-77. DTD 3850'. D&A. Salem, top 3529'. Johnsonville West.

1N, 7E

23, SE NW NE. Booth Oil Co., Inc. #1 Beckel. Spd. 8-2-77. Comp. 8-28-77. TD 3186'. IP 38 BOP/0 BW. McClosky, top 3162', acid. Clay City Consol.

1N, 8E

Irr. 6, 330'NL, 560'EL, SE SW. Van Fossan Associates #1 Elmo Powell. Spd. 8-27-77. Comp. 9-4-77. TD 3715'. D&A. Salem, top 3370' (approx.). Clay City Consol.

WAYNE COUNTY (continued)

2N, 7E

23, NW NW NE. Hubert W. Rose #1-A Broyles. Spd. 5-1-77. Comp. 7-22-77. TD 3610'. IP 130 BOP. Aux Vases, top 2919', acid. Clay City Consol.

35, SE SW NW. Union Oil Co. of Calif. #2 Flexter Cons.-A. Conversion. Was Aux Vases producer converted to Aux Vases water input. Comp. 6-6-77. COTD 2880'. Temp. abd. Cypress, top 2695'. Clay City Consol.

2N, 8E

21, SE NE SE. Union Oil Co. of California #D-2 E. R. Hosselton. Spd. 5-27-77. Comp. 8-12-77. TD 3683'. IP 20 BOP/20 BW. Cypress, top 2625', acid; Aux Vases, top 2894'; frac.; Ste. Genevieve, top 2951', acid; Salem, top 3468', acid. Clay City Consol.

1S, 5E

19, 405'SL, 330'EL, NE NW. Louis H. Kapp, Jr. #1 Youngblood et al. Spd. 8-23-77. Comp. 9-19-77. TD 3561'. IP 40 BOP/90 BW. Salem, top 3519', acid. Coil.

26, 330'NL, 400'EL, SW SW. Louis A. Pessina #9 Katherina Goff. Spd. 5-20-77. Comp. 7-6-77. TD 3725'. D&A. Salem, top 3460'. Keenville.

26, 375'NL, 98'WL, SW. Charles T. Evans #1 Johnson S.W.D. Spd. 7-29-77. Comp. 9-1-77. TD 2840'. SWD. Cypress, top 2770'. Keenville.

1S, 5E

26, SW NW SW. Charles T. Evans #3 C. E. Johnson. Spd. 9-1-77. Comp. 9-16-77. TD 3616'. IP 70 BOP. Salem, top 3589', acid. Keenville.

27, NE SE NW. Fletcher F. Farrar #2 George Reed. (In the May 1977 Drilling Report the initial production on this well was erroneously reported as 300 BOP/10 BW. It should have been 3 BOP/10 BW.)

27, SE SE NE. Fletcher F. Farrar #4 George Reed. Spd. 7-16-77. Comp. 8-30-77. TD 3636'. IP 80 BOP/3 BW. Salem, top 3551', acid.) Keenville.

34, NE SE NW. Texaco, Inc. #5 Jake Bowyer "A". Spd. 7-29-77. Comp. 9-2-77. TD 3821'. IP 107 BOP/114 BW. Salem, top 3617', acid. Keenville.

36, SW NW NW. R. L. Burns Corp. #36-1 Shreve. Spd. 7-11-77. Comp. 8-23-77. TD 3765'. IP 42 BOP/21 BW. Salem, top 3626', acid. Keenville East. NEW PAY IN FIELD.

1S, 6E

Irr. 4, 330'NL, 330'EL, SW NW. Van Fossan Associates #1 Lillie Lowe. Spd. 7-16-77. Comp. 7-25-77. TD 3930'. D&A. Salem, top 3582'. Johnsonville Consol.

WAYNE COUNTY (continued)

1S, 6E

11, C S/2 NE SW. Booth Oil Co. #2 H. Taylor. Spd. 6-17-77. Comp. 7-27-77. TD 3192'. IP 54 BOP/2 BW. McClosky, top 3160', acid. Johnsonville South.

12, NW NE NW. David Allison #1 Yates. Spd. 7-26-77. Comp. 9-3-77. TD 3234'. IP 125 BOP/100 BW. Aux Vases, top 3129', frac. Johnsonville Consol.

Irr. 12, 330'SL, 330'EL, NE NW. David Allison #3 Yates. Spd. 7-16-77. Comp. 8-19-77. TD 3995'. IP 15 BOP/45 BW. Aux Vases, top 3120', nat. Johnsonville Consol.

14, C E/2 NE NW. Fletcher F. Farrar #1 Hilliard Heirs Comm. Spd. 8-15-77. Comp. 8-19-77. TD 3832'. D&A. Salem, top 3549'. Johnsonville South.

20, NW NE SW. Bufay Oil Co. #1 Butcher. Spd. 9-9-77. Comp. 9-13-77. TD 3230'. D&A. Ste. Genevieve, top 3112' (approx.). Johnsonville Consol.

23, SW SW NW. Texaco, Inc. #2 W. W. Thomas N.C.T. #3. Spd. 5-23-77. Comp. 8-18-77. TD 3825'. IP 119 BOP/55 BW. McClosky, top 3146', acid; Salem, top 3568', acid. Johnsonville South.

26, C S/2 SE NW. Joe A. Dull #1 Jackson-Gregg. Spd. 8-18-77. Comp. 8-22-77. TD 3201'. D&A. Ste. Genevieve, top 3112' (approx.). Clay City Consol.

1S, 7E

9, NE SW SW. Bufay Oil Co. #1 Sarah Milner. Spd. 8-24-77. Comp. 8-31-77. TD 3930'. D&A. Salem, top 3620' (approx.). Clay City Consol.

Irr. 19, 330'SL, 330'WL, NW SE. Donald E. Schmitt #2 O. H. Harris. Spd. 9-2-77. Comp. 9-25-77. TD 3245'. IP 30 BOP/50 BW. Aux Vases, top 3132', mca and frac. Clay City Consol.

Irr. 19, 330'NL, 330'WL, SE SE. Donald E. Schmitt #1 F. E. Manahan. Spd. 9-8-77. Comp. 9-18-77. TD 4020'. D&A. Ullin, top 3970' (approx.). Clay City Consol.

2S, 8E

27, C S/2 NE SE. Bernard Podolsky #1 Tom Vaughn. Spd. 10-16-76. Comp. 8-22-77. TD 4094'. IP 8 BOP/10 BW. Salem, top 4025'. Barnhill.

2S, 9E

16, NW SW NW. Ernest Sherman #1 Billington. OWWO. Was N. V. Duncan #1 Matthews. Was D&A. OTD 3430'. Comp. 1-6-59. Recomp. 4-5-77. COTD 3430'. D&A. Spar Mountain, top 3430'. Goldengate North Consol.

WAYNE COUNTY (continued)

3S, 5E

14, SW SE NW. Art Buchanan #1 Joy Erwin et al. OWWO. Was Warren Oil #1 E. Smith. Aux Vases producer. OTD 3500'. Comp. 8-20-69. Recomp. 6-21-77. COTD 3500'. IP 25 BOP. McClosky, top 3300'. Dahlgren.

WHITE COUNTY

4S, 8E

34, NW NE SW. RK Petroleum Corp. #4 Continental Bank. Spd. 8-2-77. Comp. 9-13-77. TD 3346'. IP 100 BOP. Aux Vases, top 3342', frac. Springerton South.

34, SW NW NE. RK Petroleum Corp. #1 Fleck Heirs et al. Spd. 9-10-77. Comp. 9-18-77. TD 3386'. D&A. Ste. Genevieve, top 3370' (approx.). Springerton South.

35, NE SE NE. RK Petroleum Corp. #1 Birdie Gray. Spd. 8-12-77. Comp. 9-13-77. TD 3498'. D&A. Ohara, top 3483'. WN - Trumbull Consol.

4S, 14W

29, C E/2 NW SW. Perry Fulk #1 Brown and Henning. Spd. 7-6-77. Comp. 8-5-77. TD 4200'. IP 50 BOP/0 BW. Salem, top 3816', acid. New Harmony Consol.

29, NW SE SE. The Superior Oil Co. #A-36 E. M. Fitton. OWWO. Was D&A (SO). OTD 2940'. Comp. 3-15-55. Recomp. 8-30-77. COTD 2940'. Waterflood producer, IP not available. McClosky, top 2921'. New Harmony Consol.

5S, 8E

9, NW SW SE. C. E. Brehm Drlg. & Prod. #1 Leo Apple. Spd. 10-1-76. Comp. 10-8-76. TD 3500'. D&A. McClosky, top 3480'. WN - Enfield North.

5S, 9E

15, NW SE SW. C. E. Brehm Drlg. & Prod. #1 William F. Reinwald et al. Spd. 7-27-77. Comp. 8-29-77. TD 8000'. D&A. Knox, top 7930' (approx.). WN - Trumbull Consol.

5S, 10E

1, 330'NL, 500'EL, NW SW. Royal G. Cantrell #1 Henry Garner. Spd. 7-28-77. Comp. 8-30-77. TD 2160'. IP 4 BOP. Palestine, top 2126'. Phillipstown Consol.

1, 330'SL, 430'EL, SW SW. Royal G. Cantrell #2 Henry Garner. Spd. 7-28-77. Comp. 8-3-77. TD 2949'. D&A. Aux Vases, top 2940'. Phillipstown Consol.

6S, 9E

Irr. 10, 550'SL, 330'WL, NW SE. Shakespeare Oil Co., Inc. #1 Charles Gowdy. Spd. 8-27-77. Comp. 9-13-77. TD 2730'. D&A. Cypress, top 2712'. Storms Consol.

WHITE COUNTY (continued)

6S, 10E

22, NE SW NW. Jim Haley Production Co. #1 Irma Brown. OWWO. OWDD. Was Great Lakes Carbon Corp. #2 Brown. Was D&A (SO). OTD 3072'. Comp. 10-10-44. Recomp. 7-12-77. DTD 4967'. IP 36 BOP/ trace of water. St. Louis, top 3348', frac. Concord Consol.

7S, 11E

Irr. 18, 330'SL, 990'EL, SE. Leo Angermeier, Jr. #1 Ervin Naab. Spd. 6-16-77. Comp. 8-16-77. TD 3112'. IP 25 BOP. Cypress, top 2441', frac. New Haven Consol.

19, 530'NL, 330'WL, SE. Coy Oil, Inc. #1 W. F. Sill. OWWO. Was D&A. OTD 3900'. Comp. 8-7-73. Recomp. 9-13-77. COTD 3200'. IP 10 BOP/ 3 BW. Aux Vases, top 2720', frac. New Haven Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH SEPTEMBER 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CHRISTIAN COUNTY

21-13N-1E, SW SE NW. E. H. Kaufman #5-B Smith Heirs. 2340'. 9-8-77. Assumption Consol.

29-13N-1E, NE SW NE. National Assoc. Pet. Co. #3 C. G. Simcox, Trustee. 2370'. 9-7-77. Assumption Consol.

CLAY COUNTY

11-3N-7E, 2263'SL, 1019'WL, NE. J. Hal Jones #1 Neeley- 2958'. 8-8-77. Sailor Springs Consol.

11-3N-7E, 990'NL, 660'EL, NW NE. N. A. Baldridge #2 Neeley. 3000'. 8-10-77. Sailor Springs Consol.

22-3N-8E, NE SW NW. Ben C. Blades #1 Frank M. Blessing, formerly D. H. Lovelace #1 John L. Blessing et al. 3008'. 7-8-77. Clay City Consol.

29-4N-6E, 380'NL, 330'EL, NW NE. S & S Oil Co. #2-A V. Cox. 2905'. 8-9-77. Louisville.

COLES COUNTY

22-12N-7E, 660'SL, 430'EL, SE. Thomas B. Mask & W. E. Hersee #1 Robert Fuqua. 3175'. 8-27-77. Mattoon.

22-12N-7E, NE SE SE. Tom Mask #2 Anna Strong, formerly T. Blake Dirickson. 1975'. 8-30-77. (Salt water disposal, formerly a producer.) Mattoon.

23-12N-7E, SW SE NW. Tom E. Grace #3-A Macke-Redman Unit, formerly Walter Duncan #3 Henry Macke. 3125'. 8-19-77. Mattoon.

23-12N-7E, 990'NL, 987'WL, NW. Tom E. Grace #4-A Pawnee Unit, formerly Walter Duncan #4 Pawnee Royalty, originally #4 Pawnee. 3131'. 8-3-77. (Gas producer, formerly a salt water disposal, originally an oil producer.) Mattoon.

23-14N-7E, 1650'NL, 330'EL, SE. Tom E. Grace #16-D Coombe Estate. 2876'. 8-16-77. Cooks Mills Consol.

CRAWFORD COUNTY

2-6N-13W, 330'NL, 330'WL, NW SW NE. Fisher Oil Co. #2 Miller. 947'. 6-22-77. Main Consol.

2-6N-13W, 330'SL, 330'EL, SE SW NE. Fisher Oil Co. #6 Miller. 977'. 7-5-77. Main Consol.

2-6N-13W, 330'NL, 330'WL, SW SW NW. Fisher Oil Co. #9 Miller. 969'. 7-25-77. Main Consol.

2-6N-13W, 330'NL, 330'WL, NW SE NW. Fisher Oil Co. #11 Miller. 935'. 7-20-77. Main Consol.

2-6N-13W, 660'NL, 330'EL, NE. Caliente Oil Co. #8 Walters, formerly Cramack #8 Stevens. 970'. 6-17-77. Main Consol.

2-6N-13W, 660'NL, 660'EL, SE NW NE. Caliente Oil Co. #9 Walters, formerly Bailey Fritz #4 Stephens. 942'. 6-21-77. Main Consol.

FAYETTE COUNTY

4-7N-3E, 744'NL, 330'WL, NE. Carter Oil Co. #5 Florence Durbin. 1589'. 8-10-77. (Water input, formerly a producer.) Louden.

FAYETTE COUNTY (continued)

8-7N-3E, NE NW NE. Carter Oil Co. #3 Darrell Durbin. 1587'. 8-10-77. (Water input, formerly a producer.) Louden.

8-7N-3E, NE SE NW. Carter Oil Co. #5 Mary Welker. 1515'. 8-10-77. (Water input, formerly a producer.) Louden.

23-8N-3E, 365'SL, 328'WL, SE SW. Carter Oil Co. #1 Willie Logue. 1480'. 8-17-77. Louden.

11-8N-3E, 355'NL, 310'WL, NE NE. Humble O & R #2 Cora Larimore, formerly Carter Oil Co. 1625'. 8-19-77. Louden.

JASPER COUNTY

28-7N-10E, 330'SL, 660'WL, NE NE. Southern Ill. Oil Producers #1 N. Kerner. 3092'. 9-8-77. (Combination oil producer and salt water disposal.) Clay City Consol.

LAWRENCE COUNTY

8-3N-12W, Lot 8, A. J. Warner Addition, Bridgeport. Probably Ohio Oil Co. #Unknown Watson-Leach. 925'. 7-22-77. (Unidentified with Geological Records.) Lawrence.

11-4N-11W, NW SW NE. Energy Resources of Ind., Inc. #1 Jasper Hayes. 1652'. 8-23-77. Pinkstaff East.

30-4N-12W, 175'NL, 625'WL, SW NE. Marathon Oil Co. #18 Oliver Baltzell, formerly Indian Refining Co. 971'. 6-11-77. Lawrence.

MARION COUNTY

10-1N-2E, NW SW SE. Calvert Drlg., Inc. #1 A. L. Quinn et al. 2127'. 8-3-77. Salem Consol.

18-2N-2E, 644'NL, 330'WL, NW. Ashland Oil & Refg. Co. #4 Whitchurch. 1766½'. 7-26-77. (Water input, formerly a producer.) Odin.

RICHLAND COUNTY

1-4N-9E, NW NE NE. John W. Rudy #1 Carter-Cox. 2802'. 7-19-77. Clay City Consol.

1-4N-9E, SW NE NE. Bradley Producing Corp. #2 Carter-Cox, formerly John W. Rudy. 2789'. 7-9-77. (Water input, formerly a producer.) Clay City Consol.

1-4N-9E, SE NW NE. John W. Rudy #2 Cox-Varner Comm. 2802'. 7-22-77. Clay City Consol.

1-4N-9E, NE NW NE. Bradley Producing Corp. #1 Cox-Varner Comm., formerly John W. Rudy. 2809'. 7-21-77. (Water input, formerly a producer.) Clay City Consol.

28-4N-10E, 660'SL, 330'EL, NW NW. D. T. Drlg. Co. #2 B. Voight. 2995'. 9-11-74. (Water input, formerly a producer.) Olney Consol.

26-4N-14W, 330'SL, 660'WL, NW. Andy G. Hocking #1 Kocher et al. 3015'. 7-21-77. Hadley.

Fr. 30-5N-9E, NE NE SW. R. W. Harper Jr. #1 Caroline Coan. 2975'. 7-13-77. Passport North.

28-5N-10E, 660'NL, 330'EL, SW NW. Southern Ill. Prod., Inc. #1 H. Manning. 2936'. 8-4-77. Clay City Consol.

33-5N-10E, NW SE NW. Kenneth C. Bell #2 Dorris Young. 2916'. 8-15-77. Clay City Consol.

33-5N-10E, SE SE NW. Kenneth C. Bell #1 Dorris Young. 2915'. 8-17-77. Clay City Consol.

SALINE COUNTY

11-8S-5E, SW NE NW. C. E. R. Production #1-A E. Harris. 3163'. 8-4-77. Harco.

11-8S-5E, NE NE NW. Don Slape Drlg. Co. #1 E. Harris et al. 3158'. 8-8-77. Harco.

14-8S-5E, 334'NL, 115'WL, NW SE. Duke Resources Corp. #1-A Bennett. 2985'. 8-24-77. Harco.

14-8S-5E, 330'SL, 660'WL, SW SE. Duke Resources Corp. #1 Triplett. 3072'. 8-26-77. Harco.

25-8S-5E, 660'SL, 330'WL, SW NW. Duke Resources Corp. #1 Meler. 2893'. 8-31-77. Harco East.

15-8S-6E, 330'NL, 750'WL, NW. Pacific Explor. Corp. #1A Guest. 3028'. 9-3-77. Raleigh.

23-8S-7E, NW SE SW. G. L. Reasor #1 Opal & Sally Beltz et al. 2903'. 7-21-77. Eldorado East.

9-9S-5E, 2030'NL, 990'WL, SE. C. E. Brehm Drlg. & Prod. #1 Ozment. 4930'. 7-19-77. Harco South.

9-9S-5E, 410'NL, 300'WL, SE SW. C. E. Brehm Drlg. & Prod. #1 C & H. 2800'. 7-22-77. Harco South.

WAYNE COUNTY

2-2S-7E, 359'NL, 665'EL, SE NE. Dae V. Love #1 Love Comm., formerly Ohio Fuel Supply Co. #1 Shaw-Hill. 3305'. 8-31-77. Clay City Consol.

35-1N-7E, 330'SL, 660'WL, NE NW. Perry Fulk #1 Laird. 3136'. 8-1-77. Clay City Consol.

21-1N-8E, 323'NL, 330'EL, SE NE. Hubert W. Rose #1-B F. Fildes, formerly Comer W. Benson #1 R. E. Fildes. 3844'. 7-29-77. Clay City Consol.

WHITE COUNTY

34-3S-9E, 440'SL, 509'WL, NW NE. Andy G. Hocking #1 Cora Elliott et al. 4214'. 7-29-77. Goldengate Consol.

34-3S-9E, C-W/2 SE NE. Andy G. Hocking #1 Jesse Stephens. 4224'. 8-3-77. Goldengate Consol.

25-3S-10E, 380'SL, 330'EL, NE. Andy G. Hocking #1 Siefried-Eagleson Unit. 3111'. 7-22-77. Phillipstown Consol.

16-4S-9E, SW SE SE. Louis H. Kapp, Jr. #1 Clara Carroll. 4337'. 7-27-76. Sumpter North.

32-4S-10E, SW NE SW. Geo. & Wrather Oil Co. #1 Rose-Winters-Ramming. 3240'. 8-24-77. Sumpter East.

32-4S-10E, SW SE SW. T. W. George Estate #1 William L. Rose, formerly George & Wrather Oil Co. 3208'. 8-27-77. (Water input, formerly a producer.) Sumpter East.

32-4S-10E, 330'SL, 730'WL, SW. T. W. George #W-8 W. L. Rose, formerly L. F. Wilson #1 W. L. Rose. 3120'. 9-9-77. (Water input, formerly a producer.) Sumpter East.

5-5S-10E, SE NW NW. T. W. George #1 G. J. Botsch, formerly Texas Oil Co. 3118'. 8-31-77. (Water input, formerly a producer.) Sumpter East.

15-6S-10E, NW NE SW. Duke Resources Corp. #1 John-Maria Fechter. 5227'. 8-11-77. Concord Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet. 99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet. 101.	Underground Storage of Natural Gas in Illinois--1973 (1974).
Ill. Pet. 102.	Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
Ill. Pet. 104.	Underground Storage of Natural Gas (1975).
Ill. Pet. 105.	Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet. 106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet. 109.	Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet. 110.	Petroleum Industry in Illinois in 1975 (1976).
Cir. 458.	Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Cir. 470.	Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Cir. 482.	The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.	Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
EGN 62.	Energy Supply Problems for the 1970s and Beyond (May 1973).
	Selected List of Available Oil and Gas Publications (March 1, 1977).

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ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

No. 492 October 1977

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DISCOVERIES

New Fields

None

New Pay Zones in Fields

ENFIELD. White County, 17-5S-8E, Ullin at 4299'.
Discovery well, Pricefields Oil, Inc. #1 Fields-West,
IP 10 BOP.

Extensions to Fields

ENFIELD. White County, 17-5S-8E, Ullin at 4299'.
Discovery well, Pricefields Oil, Inc. #1 Fields -West,
IP 10 BOP.

STE MARIE WEST. Jasper County, 11-5N-10E, Spar Mtn at 2866'.
Discovery well, Lahoil, Inc. #1 Hinkel-Wartsbaugh,
IP 14 BOP, 25 BW.

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TABLE I

New Pools Discovered from November 1976 through October 1977

Pool: County	Twp.	Rng.	Pool: County	Twp.	Rng..
November 1976			May		
Ferrin: Clinton County	2N	1W	None		
December			June		
None			None		
January 1977			July		
None			None		
February			August		
None			None		
March			September		
None			Cooperstown (gas) Brown County	1S	2W
April			October		
None			None		

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	Production in Thousands of Barrels
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,251
Apr.	46	0	3	42	7	20	10	6	78	2,261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2.222
Dec.	90	0	5	80	15	57	15	9	161	2,238
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,272
1977										
Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	59(1)	0	0	54(1)	5	21	10	0	86	2,274
June	58(3)	0	1	54(3)	5	32	12	7	108	2,214
July	40(1)	0	1(2)	39(3)	2	26	13	3	84	2,180
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60	2,238
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103	2,210
Oct.	53	0	2	46	9	36	9	5	96	2,270

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through September 1977 are from reports received directly from crude gathering companies. The figure for October 1977 is estimated.

TABLE III

Drilling by Counties, Oil and Gas, October 1977

County	Permits to Drill[o]	Total Comp.	Production Tests: New Holes Prod.	Production Tests: New Holes D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions Were Prod.	Service Wells: Conversions Others	Structure Tests
Brown	1	-	-	-	-	-	-	-	-
Champaign	2	-	-	-	-	-	-	-	-
Christian	-	1	-	1	-	-	-	-	-
Clark	5	6	4	2	-	-	-	-	-
Clay	3	10	7	3	-	-	-	-	-
Clinton	-	1	-	1	-	-	-	-	-
Coles	3	1	1	-	-	-	-	-	-
Crawford	12	12	8	3	-	-	1	-	-
Douglas	2	-	-	-	-	-	-	-	-
Edgar	-	1	-	1	-	-	-	-	-
Edwards	7	7	2	4	-	-	-	1	-
Effingham	2	2	2	-	-	-	-	-	-
Fayette	1	1	-	1	-	-	-	-	-
Franklin	1	1	1	-	-	-	-	-	-
Gallatin	2	1	1	-	-	-	-	-	-
Hamilton	6	2	-	2	-	-	-	-	-
Jasper	1	3	1	2	-	-	-	-	-
Jefferson	5	2	-	1	1	-	-	-	-
Lawrence	3	-	-	-	-	-	-	-	-
Macon	1	-	-	-	-	-	-	-	-
Macoupin	1	1	-	1	-	-	-	-	-
Marion	2	1	-	1	-	-	-	-	-
Perry	-	1	-	1	-	-	-	-	-
Richland	5	-	-	-	-	-	-	-	-
Saline	-	2	-	2	-	-	-	-	-
Wabash	8	7	1	4	1	-	1	-	-
Washington	1	3	-	2	-	-	-	1	-
Wayne	23	29	10	10	6	3	-	-	-
White	19	17	8	8	1	-	-	-	-
Williamson	1	-	-	-	-	-	-	-	-
	117	112	46	50	9	3	2	2	-

[o]Issued by Department of Mines and Minerals, Springfield, Illinois, September 30, 1977 through October 26, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, October 1977

County	Permits to drill*	Total Comp.	Injection & Withdrawal New Wells	Injection & Withdrawal Conversions	Service Wells New Wells	Service Wells Conversions
Champaign	1	-	-	-	-	-

In addition to the above data, 14 structure tests were reported drilled in Illinois in October in connection with natural gas storage.

*Issued by Department of Mines and Minerals, Springfield, Illinois September 30, 1977 through October 26, 1977.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

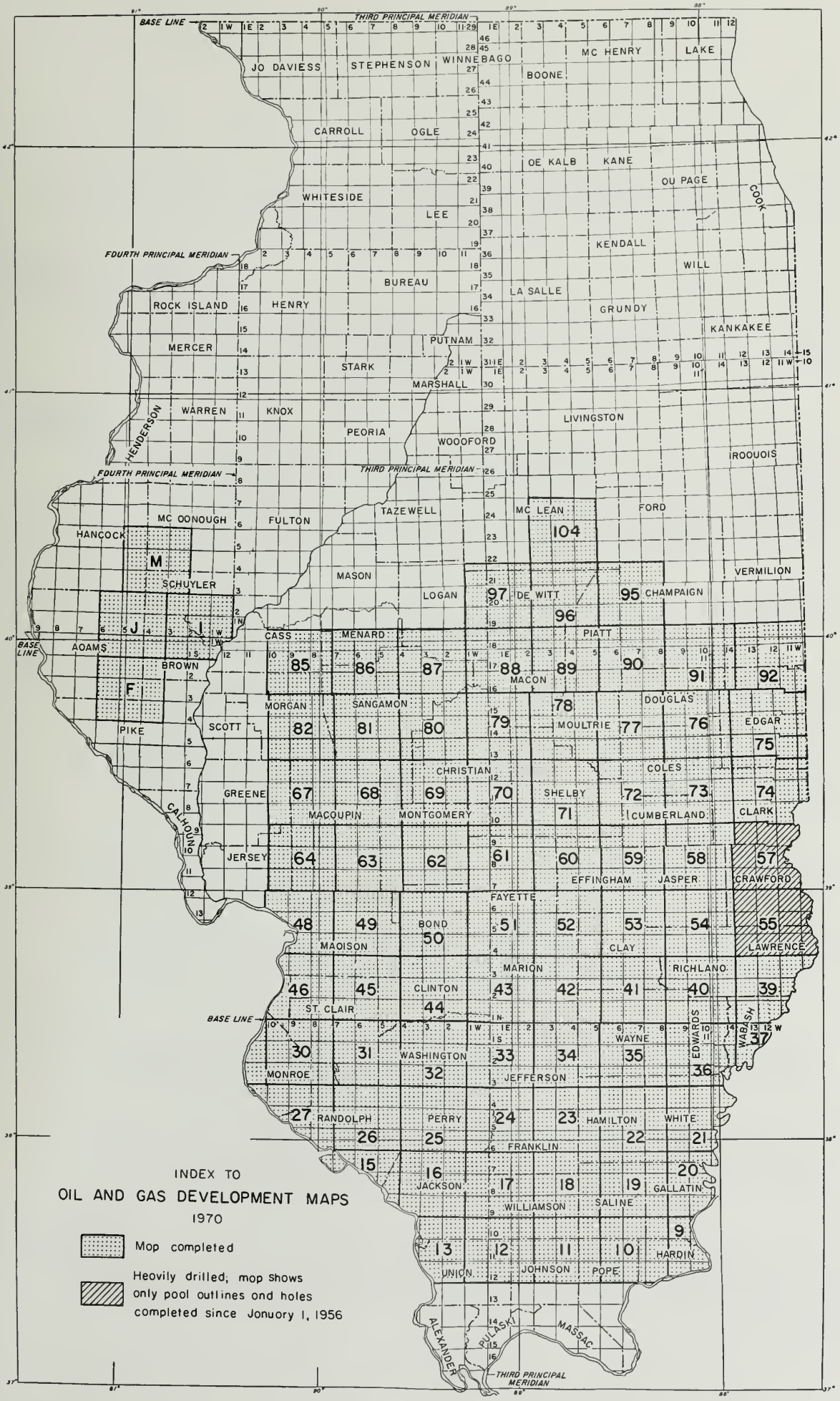
The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at $1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for $1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.


BASE LINE
THIRD PRINCIPAL MERIDIAN
FOURTH PRINCIPAL MERIDIAN
JO DAVIESS
STEPHENSON
WINNEBAGO
BOONE
MC HENRY
LAKE
CARROLL
OGLE
DE KALB
KANE
DU PAGE
COOK
WHITESIDE
LEE
KENDALL
WILL
BUREAU
LA SALLE
ROCK ISLAND
HENRY
GRUNDY
KANKAKEE
MERCER
PUTNAM
STARK
MARSHALL
WARREN
KNOX
HENDERSON
PEORIA
LIVINGSTON
WOODFORD
IROQUOIS
TAZEWELL
MC LEAN
FORD
MC DONOUGH
FULTON
HANCOCK
SCHUYLER
MASON
VERMILION
LOGAN
DE WITT
CHAMPAIGN
ADAMS
CASS
MENARD
PIATT
BROWN
MACON
MORGAN
SANGAMON
DOUGLAS
SCOTT
MOULTRIE
EDGAR
PIKE
CHRISTIAN
COLES
GREENE
SHELBY
CUMBERLAND
CLARK
MACOUPIN
MONTGOMERY
CALHOUN
JERSEY
EFFINGHAM
JASPER
CRAWFORD
FAYETTE
BOND
MADISON
CLAY
LAWRENCE
MARION
RICHLAND
CLINTON
ST. CLAIR
WAYNE
EDWARDS
WABASH
WASHINGTON
MONROE
JEFFERSON
RANDOLPH
PERRY
HAMILTON
WHITE
FRANKLIN
JACKSON
GALLATIN
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SALINE
HARDIN
UNION
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POPE
ALEXANDER
PULASKI
MASSAC
INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970
Map completed
Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELLS COMPLETED FROM OCTOBER 1, 1977 TO OCTOBER 28, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WN) is more than 1½ miles from production.

CHRISTIAN COUNTY

14N, 3W

Irr. 18, 330'NL, 330'WL, NE. Hale Resources & Energy Co. #1-A R. E. Rink. Spd. 9-23-77. Comp. 9-27-77. TD 1729'. D&A. Silurian, top 1703'. Edinburg West.

CLARK COUNTY

10N, 13W

19, 338'SL, 330'WL, SE. Southern Triangle Oil Co. #1 Marshall Hill et al. Spd. 2-7-77. Comp. 4-15-77. TD 2900'. IP 30 BOP/40 BW. Trenton, top 2829', frac. Martinsville. (This well was erroneously run as temp. abd. in the August 1977 Drlg. Report.)

19, 335'NL, 330'EL, SW SE. Southern Triangle Oil Co. #2 Marshall Hill et al. Spd. 3-5-77. Comp. 9-20-77. TD 2880'. IP 30 BOP. Trenton, top 2773', acid and frac. Martinsville.

19, NW SE SE. Koons Petroleum Ent. #1 Frank Morgan. Abd. loc. Martinsville.

30, 595'NL, 330'WL, SW NE. Van Fossan Assoc. #1 E. F. Newman et al. Spd. 7-8-77. Comp. 8-7-77. TD 2845'. IP 72 BOP/5 BW. Trenton, top 2734', acid. Martinsville.

11N, 11W

1, NE NE NE. Reynolds & Vincent, Inc. #1 Wayne Miller. Spd. 9-10-77. Comp. 9-12-77. TD 1481'. D&A. Ullin, top 1378'. WF.

22, SE NW SW. Reynolds & Vincent, Inc. #1 Jack Fraker. Spd. 9-15-77. Comp. 9-18-77. TD 1501'. D&A. Salem, top 1440'. WF.

11N, 14W

4, 330'NL, 350'WL, SE NW. Jack H. Mankin #5A Belva Turner. Spd. 8-24-77. Comp. 10-11-77. TD 380'. IP 3 BOP. Pennsylvanian, top 324', shot. Westfield.

4, 990'NL, 350'WL, SE NW. Jack H. Mankin #7 Belva Turner. Spd. 9-16-77. Comp. 10-11-77. TD 377'. IP 3 BOP. Pennsylvanian, top 299', shot. Westfield.

CLAY COUNTY

2N, 6E

14, NE NE SW. Crest Oil Co., Inc. #1 N. Leonard. Spd. 9-14-77. Comp. 9-20-77. TD 3146'. D&A. McClosky, top 3122'. Flora Southeast.

CLAY COUNTY (continued)

2N, 7E

14, SW NW SW. John M. Zanetis #4 Henderson. Spd. 8-17-77. Comp. 10-4-77. TD 3012'. IP 75 BOP. Aux Vases, top 2960', mca and frac. Clay City Consol.

3N, 7E

14, 850'SL, 330'EL, NE. Silurian Oil Co. #4D Josephine Staser. Spd. 10-1-77. Comp. 10-18-77. TD 3836'. D&A. Ullin, top 3700'. Sailor Springs Consol.

3N, 8E

16, NE SW NE. Hubert W. Rose #1 Meyerholtz. Spd. 4-28-77. Comp. 10-18-77. TD 3614'. IP 50 BOP/trace of water. McClosky, top 3046', acid; Salem, top 3450', acid. Clay City Consol.

17, 500'SL, 640'WL, SE NW. Partlow & Cochonour #1 J. K. & C. D. Duff. Spd. 11-13-76. Comp. 9-7-77. TD 3734'. IP 20 BOP/30 BW. Aux Vases, top 2914', frac.; Ohara, top 3005', acid; McClosky, top 3055', acid. Clay City Consol.

17, 330'NL, 960'EL, NE. Hubert W. Rose #1 J. L. Padgett. Spd. 8-12-77. Comp. 10-18-77. TD 3220'. IP 20 BOP. McClosky, top 2992', acid. Clay City Consol.

5N, 7E

9, C E/2 NE NW. Texaco, Inc. #8 North Bible Grove Unit, Tract 20. Spd. 10-3-77. Comp. 10-16-77. TD 2520'. IP 14 BOP/98 BW. Cypress, top 2478', nat. Sailor Springs Consol.

10, C S/2 NW NW. Texaco, Inc. #8 North Bible Grove Unit, Tract 21. Spd. 9-20-77. Comp. 10-11-77. TD 2525'. IP 4 BOP/68 BW. Cypress, top 2472', mca and frac. Sailor Springs Consol.

5N, 8E

Irr. 30, 330'SL, 330'WL, SE SE. Charles H. Stephens #2 H. C. Bahl. Spd. 8-3-77. Comp. 10-4-77. TD 3500'. IP 84 BOP/2 BW. Cypress, top 2551', mca and frac.; Spar Mountain, top 2931', mca and acid. Sailor Springs Consol.

36, SW SE NE. Robert H. Evans #1 George Klinger. Spd. 9-23-77. Comp. 10-18-77. TD 3564'. D&A. Ullin, top 3546'. Passport North.

CLINTON COUNTY

1N, 1W

23, SW NW SE. Leonard Fields #1 Vogt Comm. Abd. loc. Wamac West.

2N, 3W

5, SW NE NW. Leland Monken #1 Tebbe. Spd. 9-30-77. Comp. 10-18-77. TD 2443'. D&A. Devonian, top 2364'. WN - Frogtown North.

COLES COUNTY

11N, 7E

3, 330'NL, 430'EL, SE NE. Safari Oil Co. #2A Gray. Spd. 10-3-77. Comp. 10-23-77. TD 2273'. IP 22 BOP/7 BW. Salem, top 2240', acid. Mattoon.

CRAWFORD COUNTY

5N, 11W

3, NE NE SW. Hocking Oil Co., Inc. #1 W. E. Seaney. Spd. 8-21-77. Comp. 10-14-77. TD 1074'. IP 5 BOP/0 BW. Robinson, top 931', frac. Main Consol.

3, NW NW SE. Prudential Oil Co. #7 Harlen Shannon. Spd. 6-24-77. Comp. 8-10-77. TD 1000'. IP 4 BOP/trace of water. Robinson, top 947', frac. Main Consol.

3, NE NW SE. Prudential Oil Co. #8 Harlen Shannon. Spd. 6-28-77. Comp. 8-19-77. TD 1005'. IP 4 BOP/trace of water. Robinson, top 952', frac. Main Consol.

5N, 12W

10, NE NE NE. Lamar Properties #1 Hardin. Spd. 8-31-77. Comp. 9-10-77. TD 2956'. D&A. Devonian, top 2835'. Main Consol.

5N, 13W

1, 330'NL, 360'WL, NE. Clarence Catt, Jr. #T-1 U. McCall. Spd. 6-12-77. Comp. 10-21-77. TD 4052'. IP 56 BOP/0 BW. Trenton, top 3927'. Main Consol.

6N, 12W

Irr. 16, 990'SL, 512'EL, SW SE. Crossroads Oil, Inc. #1-A Mark Putnam. Spd. 5-9-77. Comp. 10-4-77. TD 1560'. IP 28 BOP/50 BW. Aux Vases, top 1516', mca and frac. Main Consol.

6N, 13W

36, SW SE SW. Lamar Properties #1-A V. McCall. Spd. 6-17-77. Comp. 9-26-77. TD 3996'. IP 45 BOP/200 BW. Devonian, top 2516', acid and frac.; Trenton, top 3880', acid and frac. Main Consol.

7N, 13W

27, 370'NL, 660'EL, NW SE. Kenneth R. Freed #2 Morgan SWD. Conversion. Was Don W. Newton #2 Morgan. Was Robinson producer. Comp. 9-10-76. COTD 1037'. SWD. Robinson, top 1006'. Main Consol.

8N, 12W

19, NW SW NW. Mason Oil Co. #2 Guyer Brothers, Inc. Spd. 1-4-77. Comp. 8-24-77. TD 4190'. D&A. Trenton, top 4042'. Main Consol.

32, SW NW SE. David Jones Oil Producer #2 Marion Williamson. Spd. 3-30-77. Comp. 8-17-77. TD 1090'. IP 40 BOP/40 BW. Pennsylvanian, top 1019', frac. Main Consol.

32, NE NW SE. David Jones Oil Producer #3 Marion Williamson. Spd. 7-12-77. Comp. 10-18-77. TD 1100'. IP 40 BOP/100 BW. Robinson, top 1012', frac. Main Consol.

8N, 13W

24, NE NE SE. Used Oil Field Equipment #1-A John & Mary R. Patelski. Abd. loc. Main Consol.

CRAWFORD COUNTY (continued)

8N, 13W

25, C N/2 NW SW. Midcontinent Energy Co., Inc. #1 G. Shonk. Spd. 8-16-77. Comp. 9-4-77. TD 4365'. D&A. Trenton, top 4050' (approx.). Main Consol.

EDGAR COUNTY

12N, 14W

12, 430'SL, 330'WL, SE NE. Earnest Zink #2 Zink. Spd. 9-15-77. Comp. 10-18-77. TD 550'. D&A. Pennsylvanian, top 430'. Inclose.

EDWARDS COUNTY

1N, 10E

29, NE NW NW. Frank Yockey #2 Bennett. Spd. 7-25-77. Comp. 9-27-77. TD 3200'. IP 39 BOP. Aux Vases, top 3168', frac. Maple Grove Consol.

1N, 14W

Irr. 7, 330'SL, 330'EL, NE NW. Gilbert A. Higgins #1 Anderson Brothers. Abd. loc. Parkersburg Consol.

Irr. 7, 330'NL, 330'WL, NE. Gilbert A. Higgins #2 Anderson Brothers. Abd. loc. WN - Parkersburg Consol.

2N, 14W

Irr. 31, 330'NL, 495'WL, SE SE. Western Oils, Ltd. #2 Frank Bierhaus. Spd. 9-30-77. Comp. 10-18-77. TD 2442'. D&A. Tar Springs, top 2436'. Parkersburg Consol.

Irr. 31, 330'SL, 330'WL, NE SE. Western Oils, Ltd. #5 Carl Kent Comm. Spd. 9-21-77. Comp. 9-27-77. TD 2420'. D&A. Tar Springs, top 2400' (approx.). Parkersburg Consol.

1S, 14W

Irr. 6, 1650'SL, 330'EL, NE SW. J. W. Rudy Co. #1 Haeseler-Gould Comm. Spd. 9-22-77. Comp. 9-30-77. TD 3215'. D&A. Ste. Genevieve, top 3130' (approx.). Bone Gap Consol.

2S, 10E

18, 370'SL, 990'EL, NW SE. Modern Explorations #1 Hamilton. Spd. 9-1-77. Comp. 9-6-77. TD 3353'. D&A. McClosky, top 3338'. Ellery North.

18, 330'NL, 950'WL, SE SW. Modern Exploration #1 Woods. Spd. 6-14-77. Comp. 9-27-77. TD 5425'. IP 100 BOP. Aux Vases, top 3233', mca and frac. Ellery North.

3S, 10E

12, NW SW SW. Fear & Duncan Oil Producers #2 SWD McGarvey. OWWO. Conversion. Was Skelly Oil Co. #2 Glover. Was D&A. OTD 2035'. Comp. 10-19-43. Recomp. 5-17-76. COTD 1396'. SWD. Pennsylvanian, top 1180'. Albion Consol.

EFFINGHAM COUNTY

8N, 4E

Irr. 6, 505'SL, 330'EL, NW NW. Tri-Star Producing, Inc. #1 Claggett-Dial Comm. Spd. 8-6-77. Comp. 7-25-77. TD 3183'. IP 35 BOP. Devonian, top 3102'. Louden.

9N, 4E

31, SE SW NW. Tri-Star Producing, Inc. #1-D Lancaster. Spd. 1-26-77. Comp. 10-11-77. TD 3288'. IP 10 BOP. Sylamore (est.), top 3106', frac. Louden.

FAYETTE COUNTY

8N, 3E

20, SE SE SE. Exxon Corp. #4 Tom Wright. OWDD. Was Bethel producer. OTD 1563'. Comp. 10-24-39. Recomp. 9-24-77. DTD 1585'. IP 24 BOP/275 BW. Benoist, top 1563', approx.; Aux Vases, top 1580' (est.), frac. Louden.

35, 430'SL, 330'EL, SE SE. Smith Oil Co. #4 Edith K. Smith. Spd. 12-15-76. Comp. 6-15-77. TD 1862'. IP 2 BOP/85 BW. Cypress, top 1588', frac. Louden. (This well was erroneously run as D&A in the May 1977 Drlg. Report.)

9N, 3E

24, SW SE NW. Pogo Petroleum, Inc. #1 Everette Gordon Comm. Spd. 8-27-77. Comp. 9-6-77. TD 3338'. D&A. Grand Tower, top 3320'. WN - Louden.

FRANKLIN COUNTY

5S, 4E

16, NE NE NW. C. E. Brehm Drlg. & Prod. #1 Threlkeld. Spd. 11-22-76. Comp. 2-1-77 (est.). TD 3965'. IP 40 BOP/0 BW. Ullin, top 3958'. Taylor Hill.

GALLATIN COUNTY

7S, 9E

23, 330'NL, 830'WL, SW NW. Absher Oil Co. #4 C. H. Boyd. Spd. 3-22-77. Comp. 10-18-77. TD 2890'. IP 6 BOP/10 BW. Cypress, top 2574'. Herald Consol.

8S, 9E

15, SE NW SW. C. F. Rebstock #1 Hish. OWDD. Conversion. Was R. B. Martin #1 Straub Comm. Was Cypress producer. OTD 2517'. Comp. 10-27-42. Conversion by Gulf Oil Corp. to WI, Tar Springs and Cypress. Comp. 8-4-77. DTD 2916'. D&A. McClosky, top 2868'. Inman West Consol.

HAMILTON COUNTY

3S, 7E

25, SW NW NW. Black Hawk Resources Corp. #12-25 Pollard. Spd. 9-11-77. Comp. 9-21-77. TD 4310'. D&A. Ullin, top 4280'. WN - Mill Shoals.

HAMILTON COUNTY (continued)

6S, 6E

10, NW NE SE. C. E. Brehm Drlg. & Prod. #4 Barney Lager. Spd. 9-13-77. Comp. 9-19-77. TD 3400'. D&A. St. Louis, top 3290' (approx.). Dale Consol.

JASPER COUNTY

5N, 10E

11, SE SW NW. Lahoil, Inc. #1 Hinkel-Wartsbaugh. Spd. 8-2-77. Comp. 9-11-77. TD 2888'. IP 14 BOP/25 BW. Spar Mountain, top 2866', mca. EXTENSION TO STE. MARIE WEST.

11, C N/2 NW SW. Lahoil, Inc. #2 Hinkel-Wartsbaugh. Spd. 10-1-77. Comp. 10-18-77. TD 2925'. D&A. Fredonia, top 2877'. Ste. Marie West.

6N, 14W

Irr. 6, 330'NL, 330'EL, SE NE. James A. Southerland #1 G. Sheridan. Spd. 8-26-77. Comp. 10-18-77. TD 3074'. D&A. Salem, top 2887'. WN - Clay City Consol.

JEFFERSON COUNTY

1S, 4E

24, NW SW SE. Van Fossan Assoc. #1 Sam Bradford. OWWO. OWDD. Was Charles H. Stephens #1 Bertha Matthews. Was D&A. OTD 3077'. Comp. 6-10-66. Recomp. 9-25-77. DTD 3625'. D&A. Salem, top 3288'. Coil West.

24, 330'NL, 430'EL, SE. Van Fossan Assoc. #1 Rufus Youngblood. OWDD. Was Lincoln Drilling Co., Inc. #1 Youngblood-Tubbs Comm. Was D&A. OTD 3074'. Temp. abd. 12-1-73. Recomp. 9-26-77. DTD 3560'. IP 212 BOF/10 BW. Salem, top 3504'. Coil West.

2S, 1E

34, SW SE NE. Peter S. Smalley #1 Margarette Smalley. Spd. 9-10-77. Comp. 9-16-77. TD 2257'. D&A. McClosky, top 2233'. Woodlawn.

MACOUPIN COUNTY

7N, 7W

15, 404'NL, 330'EL, NW. Carl Wilson #1 Carl Wilson. Spd. 8-18-77. Comp. 9-20-77. TD 565'. D&A. Pennsylvanian, oil sand absent. Staunton.

MARION COUNTY

2N, 1E

9, NW NE NW. Goose Creek Oil Co., Inc. #1 S. Swagler. Spd. 8-10-77. Comp. 9-7-77. TD 3006'. D&A. Geneva, top 3002'. Sandoval.

PERRY COUNTY

4S, 4W

36, SE NE NW. James H. Donnewald #1 Boatman's Bank & Trust. Spd. 10-2-77. Comp. 10-8-77. TD 2841'. D&A. Devonian, top 2772'. WF.

RICHLAND COUNTY

4N, 14W

26, SW SE NW. Shakespeare Oil Co., Inc. #1 C. Richey et al. Abd. loc. WN - Hadley.

SALINE COUNTY

7S, 5E

19, 330'SL, 360'WL, SE NE. Misty Oil Co. #1 Bunnell Comm. Spd. 7-6-77. Comp. 7-18-77. TD 4300'. D&A. Ullin, top 3976'. Dale Consol.

10S, 6E

34, 460'NL, 660'EL, NW NW. Texas Pacific Oil Co., Inc. #1 John Wells et al. Spd. 7-29-77. Comp. 9-21-77. TD 6200'. D&A. Maquoketa, top not available. WF.

WABASH COUNTY

1N, 11W

8, 900'NL, 60'WL, NW. RK Petroleum Corp. #1 Fuller-Smith. Spd. 10-11-77. Comp. 10-20-77. TD 2742'. D&A. Salem, top 2462'. Allendale.

8, 3875'SL, 400'WL, Section. M & M Oil Co. #1 Yelch et al. Spd. 7-20-77. Comp. 9-16-77. TD 2113'. IP 9.6 BOP/0 BW. Ohara, top 2102', nat. Allendale.

1N, 13W

25, NW NW SW. Viking Oil Co. #1 Herman Steckler. Spd. 7-14-77. Comp. 7-18-77. TD 1756'. D&A. Pennsylvanian, top 1749'. WN - New Harmony Consol.

1S, 12W

Irr. 19, NE NE SW. Spartan Petroleum Co. #2-SWD Ankenbrand Heirs. Conversion. Was McClosky producer. Comp. 2-28-77. COTD 2415'. SWD. McClosky, top 2283'. Mt. Carmel.

Irr. 19, 330'SL, 330'WL, NW NE. Spartan Petroleum Co. #2 Tennes "B" Unit. Spd. 7-4-77. Comp. 7-8-77. TD 1697'. D&A. Waltersburg (Shaley), top not available. Mt. Carmel.

2S, 13W

28, NE SE NE. Hocking Oil Co., Inc. #1 Fred Hocking. OWWO. OWDD. Was Sam Boxell #1 Jesse Hocking. Was D&A. OTD 2795'. Comp. 11-30-60. Recomp. 9-17-77. DTD 3475'. IP 15 BOP/trace of water. Ohara, top 2748'. Keensburg South.

2S, 14W

23, 360'NL, 330'WL, NW. Hocking Oil Co., Inc. #1 Earl Raber. Spd. 8-22-77. Comp. 10-18-77. TD 3619'. Temp. abd. Salem, top 3350'. New Harmony Consol.

WASHINGTON COUNTY

1S, 1W

26, 990'NL, 360'WL, NE NW. E. H. & K. Oil Co. #6 A. C. Stanton. OWWO. Conversion. Was Gulf Oil Corp. #6 A. C. Stanton. Was plugged Benoist producer. OTD 1559'. Comp. 6-3-41. Recomp. 9-19-77. COTD 1235'. SWD. Tar Springs, top 1150'. Irvington.

WASHINGTON COUNTY (continued)

3S, 2W

14, 330'NL, 350'EL, SE NE. Leland Monken #2 L. Johannes. Spd. 7-14-77. Comp. 7-17-77. TD 1367'. D&A. Benoist, top 1360'. Dubois Consol.

3S, 3W

34, 330'SL, 362'WL, SE SE. Conway Tucker #1 Theodore Stern. Spd. 9-12-77. Comp. 9-15-77. TD 902'. D&A. Glen Dean, top 900'. WN - Cordes.

WAYNE COUNTY

1N, 6E

20, SW NE SW. Booth Oil Co., Inc. #1 Geo. Matchett. OWWO. Was Falese Oil Co. #1 Schwartz Comm. Was D&A. OTD 3217'. Comp. 5-2-63. Recomp. 9-8-77. COTD 200'. Lost hole - D&A. Johnsonville West.

29, NE SW NW. Booth Oil Co., Inc. #1 Hargrave. OWWO. OWDD. Was McKinney Oil Producer, Inc. #1 Hargrave. Was D&A. OTD 3215'. Comp. 9-29-73. Recomp. 10-7-77. DTD 3850'. D&A. Salem, top 3663' (approx.). Johnsonville West.

1N, 7E

35, SW NW NE. Van Fossan Associates #1 Mildred Robinson et al. Abd. loc. Clay City Consol.

1N, 8E

11, NE SE NW. Black Hawk Resources Corp. #43-11 Wilkins et al. Spd. 9-2-77. Comp. 9-8-77. TD 3900'. D&A. Ullin, top 3865'. Clay City Consol.

2N, 6E

26, NW NE NE. Republic Oil Co., Inc. #1 Spitzner. Spd. 9-19-77. Comp. 9-24-77. TD 3200'. D&A. Ste. Genevieve, top 3127'. WF.

2N, 7E

21, NE SE NW. John M. Zanetis #1 J. Briscoe. Spd. 8-24-77. Comp. 9-29-77. TD 3998'. IP 5 BOP/40 BW. Aux Vases, top 2993', frac.; McClosky, top 3110', acid. Clay City Consol.

22, 330'NL, 530'EL, NW NE. David F. Herley #1 Pauline "B". Spd. 9-26-77. Comp. 10-18-77. TD 3622'. D&A. Ullin, top 3608'. Clay City Consol.

23, 430'NL, 330'EL, SE NE. Hubert W. Rose #1-A Smith. Spd. 5-15-77. Comp. 7-25-77. TD 3744'. IP 93 BOP/25 BW. Salem, top 3499', acid. Clay City Consol.

23, NW NE NW. Hubert W. Rose #1-A Staley. OWWO. OWDD. Was Pure Oil Co. #3 S. J. Staley "A". Was D&A. OTD 3066'. Comp. 10-9-45. Recomp. 5-30-77. DTD 3640'. IP 100 BOP/0 BW. Aux Vases, top 2964'. Clay City Consol.

WAYNE COUNTY (continued)

2N, 7E

25, NW NW NW. Union Oil Co. of Calif. #B-9 C. H. Bissey. Spd. 7-29-77. Comp. 9-20-77. TD 3638'. IP 147 BOP/216 BW. Aux Vases, top 2893', frac.; McClosky, top 3031', acid; Salem, top 3388', acid. Clay City Consol.

1S, 5E

22, SW SW SW. Modern Explorations #1-A Reed. Spd. 2-16-77. Comp. 2-25-77. TD 3815'. D&A. Ullin, top 3775' (approx.). Keenville.

27, 750'NL, 1000'WL, SW SE. Louis A. Pessina #1-SWD K. Goff. Abd. loc. Keenville.

27, SE NW NW. Fletcher F. Farrar #1 Louise Reed. Spd. 8-25-77. Comp. 9-2-77. TD 3675'. D&A. Salem, top 3441'. Keenville.

28, NE NW NW. Modern Explorations #1 Bradford Comm. Spd. 4-14-77. Comp. 4-23-77. TD 3809'. D&A. Ullin, top 3795' (approx.). Keenville.

28, 330'SL, 380'EL, NE. Lake Michigan Explor. Co. #1 McCord. Spd. 7-1-77. Comp. 8-31-77. TD 3712'. IP 55 BOP/12 BW. Salem, top 3643'. Keenville.

29, SW NE SE. Fletcher F. Farrar #1 Withrow. Spd. 10-1-77. Comp. 10-10-77. TD 4015'. D&A. Ullin, top 3740'. Keenville.

34, 430'SL, 990'EL, SE NW. Texaco, Inc. #6 J. Bowyer "A". Spd. 8-29-77. Comp. 9-29-77. TD 3816'. IP 26 BOP/257 BW. Salem, top 3622', acid. Keenville.

34, 430'NL, 330'WL, NW. Texaco, Inc. #8 C. L. Tutt. Spd. 8-15-77. Comp. 9-18-77. TD 3800'. IP 58 BOP/174 BW. Salem, top 3553', acid. Keenville.

35, 660'SL, 373'EL, SW. Art Buchanan #1 James Rainwater. Spd. 9-6-77. Comp. 9-18-77. TD 3920'. D&A. Ullin, top 3770' (approx.). WN - Keenville.

1S, 6E

Irr. 1, 330'SL, 330'EL, SW SW. Booth Oil Co., Inc. #1 Manahan. OWWO. Was Hobson Oil Co. #1 Manahan et al. Was D&A. OTD 4066'. Comp. 1-21-77. Recomp. 9-21-77. COTD 540'. Junked hole. Johnsonville Consol.

10, SE SE NE. Republic Oil Co., Inc. #3 Pennington. OWWO. OWDD. Was Indiana Farm Bureau #1 J. Pennington. Was D&A. OTD 3246'. Comp. 5-8-51. Recomp. 7-15-77. DTD 3330'. IP 25 BOP/10 BW. St. Louis, top 3304', acid. Johnsonville South.

11, C N/2 SE SW. Booth Oil Co., Inc. #1-A J. Taylor. Spd. 9-21-77. Comp. 9-26-77. TD 3210'. D&A. Ste. Genevieve, top 3120' (approx.). Johnsonville South.

WAYNE COUNTY (continued)

1S, 6E

12, NE NW NW. Booth Oil Co., Inc. #1 Wilson. Spd. 9-27-77. Comp. 10-2-77. TD 3160'. D&A. Aux Vases, top 3125' (approx.). Johnsonville Consol. (This well was erroneously run as abd. loc. in the June, 1977 Drlg. Report.)

14, C N/2 SW NE. Fletcher F. Farrar #2 Paul White. Spd. 9-2-77. Comp. 10-4-77. TD 3807'. IP 45 BOP/15 BW. Salem, top 3727', acid. Johnsonville South.

20, SW SE NE. Bufay Oil Co. #1 Pearl Dickey. Spd. 8-15-77. Comp. 9-29-77. TD 3800'. IP 30 BOP/60 BW. Aux Vases, top 3038', frac. Johnsonville Consol.

23, SW SE SE. Midwest Oil Producers #1 Arney. Spd. 9-1-77. Comp. 10-3-77. TD 3168'. IP 50 BOP/0 BW. Ohara, top 3158', acid. Clay City Consol.

26, NW NE SW. Ernest Sherman #1 J. Stanley White. OWWO. Was N. V. Duncan. Was D&A. OTD 3250'. Was Comp. 11-11-52. Originally D. B. Lesh & Co. Comp. 10-28-52. Recomp. 5-30-77. COTD 3247'. IP 5 BOP/40 BW. McClosky, top 3190', acid. Clay City Consol.

1S, 7E

1, NW SW SE. Shulman Brothers #1 G. A. Mullinnax. OWDD. Was Pure Oil Co. Was Aux Vases producer. OTD 3084'. Comp. 4-9-46. Conversion. Water input. Aux Vases. Comp. 7-18-64. Recomp. 9-27-77. DTD 3168'. D&A. Ste. Genevieve, top 3123'. Clay City Consol.

1S, 8E

19, 250'SL, 330'WL, NW SE. Jenkins Brothers #1-WSW Miller. Spd. 10-11-76. Comp. 4-1-77. TD 780'. WSW. Pennsylvanian sand, top 742'. Clay City Consol.

2S, 9E

14, 400'SL, 370'EL, SE. M. J. Williams #1 Roscoe Jones Water Supply. Spd. 3-1-77 (est.). Comp. 3-11-77. TD 145'. WSW. Pennsylvanian, top 38'. Goldengate Consol.

16, NE SE NW. Ernest Sherman #2 Cooper. Spd. 11-5-76. Comp. 12-11-76. TD 3390'. IP 15 BOP/0 BW. Aux Vases, top 3250', nat.; Ohara, top 3307', acid; Spar Mountain, top 3332', acid. Goldengate North Consol.

23, 342'NL, 360'EL, NW NE. M. J. Williams #1 Henry Arney Water Supply. Comp. 11-75. TD 156'. Water supply well. Pennsylvanian, top 44'. Goldengate Consol.

31, NE SW SW. Jerry E. Friend #1 Moore. OWWO. OWDD. Was Coy Oil Co. #1 Laws. Was D&A. OTD 3394'. Comp. 11-26-57. Recomp. 10-11-77. DTD 4213'. IP 20 BOP/5 BW. Aux Vases, top 3276', frac. Barnhill.

WAYNE COUNTY (continued)

2S, 9E

31, SE SW NW. Jerry E. Friend #3 Vaughn. OWWO. Was N. V. Duncan #1 Bell-Laws Comm. Was D&A. OTD 3397'. Comp. 4-24-56. Recomp. 10-11-77. COTD 3397'. IP 25 BOP/50 BW. Aux Vases, top 3256', frac. Barnhill.

3S, 8E

15, SE SW SW. Black Hawk Resources Corp. #28-15 Reed Comm. OWWO. Was Oslager Drlg. #1 Vaughn. Was D&A. Comp. 4-14-59. Recomp. 10-11-77. COTD 3537'. IP 10 BOP/43 BW. Aux Vases, top 3336', mca and frac. Barnhill.

WHITE COUNTY

3S, 8E

29, SE NW NE. Pool Oil Co. #1 Curd. Spd. 8-17-77. Comp. 8-30-77. TD 4261'. D&A. Ullin, top 4194'. Mill Shoals.

3S, 10E

36, 330'SL, 1055'WL, NW NE. Barger Engineering, Inc. #1 B & L Sturm. Spd. 8-4-77. Comp. 10-4-77. TD 3111'. IP 11 BOP/30 BW. Bethel, top 2905', water frac.; Ohara, top 3091', acid. Phillipstown Consol.

4S, 8E

27, SW NW SW. RK Petroleum Corp. #1 R. J. Williams et al. Spd. 10-13-77. Comp. 10-20-77. TD 3489'. D&A. McClosky, top 3485' (approx.). WN - Springerton South.

32, SW SW NE. RK Petroleum Corp. #3 Orr et al. Spd. 8-31-77. Comp. 10-18-77. TD 3348'. IP 68 BOP/trace of water. Aux Vases, top 3331'. Springerton South.

32, NW SW NE. RK Petroleum Corp. #4 Orr et al. Spd. 9-13-77. Comp. 10-11-77. TD 3489'. D&A. McClosky, top 3461'. Springerton South.

32, SE SE SE. James F. Abercrombie #3 Valeta Stahl. Spd. 9-25-77. Comp. 10-1-77. TD 3518'. D&A. McClosky, top 3500' (approx.). Springerton South.

32, SE NE SE. RK Petroleum Corp. #8 Warthen Comm. Spd. 6-28-77. Comp. 8-27-77. TD 3348'. Temp. abd. Aux Vases, top 3331'. Springerton South.

34, SW SW NE. RK Petroleum Corp. #1 Brockett "A" Lse. Spd. 9-1-77. Comp. 10-4-77. TD 3338'. IP 55 BOP/some water. Aux Vases, top 3332', frac. Springerton South.

34, NE SE NW. RK Petroleum Corp. #5 Kerwin Trust. Spd. 8-24-77. Comp. 10-4-77. TD 3345'. IP 72 BOP/some water. Aux Vases, top 3340', frac. Springerton South.

WHITE COUNTY (continued)

4S, 9E

28, NE NE SW. Hamilton Oil Corp. #1 Virtus Winter. Spd. 9-20-77. Comp. 9-28-77. TD 3204'. D&A. Aux Vases, top 3187'. WN - Sumpter North.

4S, 10E

8, NW SW SW. Absher Oil Co. #H-2 East Centerville. OWWO. Was D&A. OTD 3308'. Comp. 10-18-72. Recomp. 8-12-77. COTD 2880'. Junked hole. Centerville East.

27, SE SE NW. Eugene E. Morris #1 Elza Barbre. Spd. 10-1-77. Comp. 10-18-77. TD 3180'. D&A. McClosky, top 3162'. Phillipstown Consol.

5S, 8E

15, NE SW SW. William R. & Phyllis Becker #1 Marsden-Garrett. OWWO. Was O. D. Sharp #1 M. E. Hubele. Was D&A (SO). OTD 3466'. Comp. 11-9-54. Recomp. 10-18-77. COTD 3479'. IP 8 BOP. Ohara, top 3375', acid and acid frac. Enfield North.

17, SW NW NW. Pricefields Oil, Inc. #1 Fields-West. Spd. 3-24-77. Comp. 8-1-77 (est.). TD 4358'. IP 10 BOP/some water. Ullin, top 4299', acid. EXTENSION TO ENFIELD. NEW PAY IN FIELD.

18, SE SE NE. Pricefields Oil, Inc. #1 William Dauby. Spd. 8-2-77. Comp. 8-11-77. TD 4395'. D&A. Ullin, top 4286'. Enfield.

5S, 14W

4, 800'SL, 990'WL, NE. The Superior Oil Co. #30 E. S. Greathouse. Spd. 4-21-77. Comp. 9-25-77. TD 6600'. IP 92 BOP/163 BW. Ullin, top 4019', mca and frac. New Harmony Consol.

6S, 10E

24, 380'NL, 330'WL, SW NE. Rhea Fletcher Trust #1 - #1 Flora Karch. Spd. 10-9-76. Comp. 3-26-77. TD 4908'. IP 25 BOP/225 BW. Cypress, top 2561', frac. Maunie South.

28, C SW SW. Dixel Resources Inc. #1 Dena F. Hines. Spd. 5-10-77. Comp. 8-17-77. TD 4915'. IP 18 BOP. Warsaw, top 3884', acid and frac. Concord Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH OCTOBER 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CHRISTIAN COUNTY

13-15N-3W, NE NW SW. McKinney & Funderburk #2 Allen. 1761'. 9-29-77. Roby East.

CLAY COUNTY

15-2N-7E, SE NW NE. Booth Oil Co. #1-A Bayler. 3020'. 9-8-77. Clay City Consol.

8-2N-8E, SW SW NE. Booth Oil Co. #1 Land Bank. 3671'. 9-13-77. Clay City Consol.

26-3N-6E, NE SE NW. Merle E. Mearns #1 H. A. Rainsford. 3049'. 10-1-77. Sailor Springs Consol.

14-4N-7E, 330'NL, 330'WL, NE SE. Hanson Oil Co., Inc. #1 Odell Comm. 2620'. 9-29-77. Sailor Springs Consol.

CLINTON COUNTY

6-3N-2W, SW NE SE. Imming and Imming #1 Imming. 1142'. 9-15-77. Beaver Creek South.

FRANKLIN COUNTY

26-6S-4E, SE NE SW. C. E. Brehm Drlg. & Prod. #5 U. S. Steel. 3120'. 10-4-77. Akin.

26-6S-4E, NE NE SW. C. E. Brehm Drlg. & Prod. #9 U. S. Steel. 3153'. 10-6-77. Akin.

GALLATIN COUNTY

36-8S-9E, NE SE NW. William J. Osborne #1 Maloney. 2178'. 10-18-77. Inman West Consol.

HAMILTON COUNTY

22-6S-5E, NW SE SW. Fletcher F. Farrar #1 Uriah Foster, formerly Carter Oil Co. 3215'. 9-27-77. (Water input, formerly a producer.) Dale Consol.

22-6S-5E, SE NW SW. Carter Oil Co. #2 Uriah Foster. 3235'. 9-24-77. Dale Consol.

22-6S-5E, SW NW SW. Fletcher F. Farrar #3 Uriah Foster, formerly Carter Oil Co. 3400'. 9-16-77. Dale Consol.

22-6S-5E, NE SW SW. Stewart Oil Co. #1 Uriah Foster. 3212'. 9-21-77. Dale Consol.

22-6S-5E, NW SW SW. Fletcher F. Farrar #4 Uriah Foster, formerly Stewart Oil Co. #3. 3312'. 9-14-77. Dale Consol.

JASPER COUNTY

26-7N-10E, NW NW NW. Bangert Casing Pulling Corp. #1 Michl, formerly T. M. Pruett. 2693'. 10-11-77. Clay City Consol.

MACON COUNTY

36-16N-1E, 400'SL, 330'EL, SW NE. W. A. Corley #1 Chester R. & Allie R. Hill. 2201'. 9-27-77. Harristown South.

MARION COUNTY

10-1N-2E, SW NE NW. Edgar M. Seibel #1 Emma Seibel. 2127'. 9-20-77. Salem Consol.

10-1N-2E, NW NE NW. Edgar M. Seibel #2 Emma Seibel. 2181'. 9-15-77. Salem Consol.

10-1N-2E, SE NE NW. Edgar Seibel #3 Emma Seibel. 2156'. 9-22-77. (Salt water disposal, formerly a producer.) Salem Consol.

RICHLAND COUNTY

25-3N-8E, 330'NL, 330'EL, SE. Booth Oil Co., Inc. #2-A Klingensmith. 3700'. 9-2-77. Clay City Consol.

5-4N-10E, NE SE SE. John M. Zanetis #1 Kuenstler-Wilson Comm. 3003'. 10-6-77. Clay City Consol.

SANGAMON COUNTY

31-15N-3W, NE SW NE. Louis H. Kapp, Jr. #1 Munson. 1762'. 9-26-77. Berry.

WAYNE COUNTY

23-1S-8E, SW NE SW. Fred Bertram #1 Smith. 3114'. 9-14-77. Clay City Consol.

27-1S-8E, NE SW NW. Nation Oil Co. #3-A A. J. Robertson. 3112'. 9-20-77. Clay City Consol.

13-2S-9E, NW SW SE. Paco Petroleum Corp. #1 E. Michels. 3403'. 9-27-77. Goldengate Consol.

WHITE COUNTY

21-3S-9E, 360'SL, 330'WL, NW SE. Blackhawk Resources Corp. #56-21 Granger-Hawker Farms, formerly Nation Oil Co. #1 Granger. 5485'. 9-23-77. Goldengate Consol.

5-5S-10E, SE NE NW. Noah Petroleum Co. #1 Delbert Newell. 3155'. 9-20-77. Sumpter East.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet. 99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet. 101.	Underground Storage of Natural Gas in Illinois--1973 (1974).
Ill. Pet. 102.	Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
Ill. Pet. 104.	Underground Storage of Natural Gas (1975).
Ill. Pet. 105	Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet. 106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet. 109.	Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet. 110.	Petroleum Industry in Illinois in 1975 (1976).
Cir. 458.	Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Cir. 470.	Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Cir. 482.	The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.	Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
EGN 62.	Energy Supply Problems for the 1970s and Beyond (May 1973).
	Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned
Acid — Acid treatment
BOF — Barrels of oil flowing
BOP — Barrels of oil on pump
BW — Barrels of water
C — Center
Comp. — Completed
Consol. — Consolidated
COTD — Clean-out total depth
Csg. — Casing
D & A — Dry and abandoned
Dol. — Dolomite
DTD — Drilled deeper total depth
E/2 — East $\frac{1}{2}$
EL — From the east line
Est. — Estimated
Ext. — Extension(s)
Fm. — Formation
Fr. — Fractional
Frac. — Hydraulic fracture treatment
IP — Initial production
L — Line
Loc. — Location
Ls. — Limestone
N/2 — North $\frac{1}{2}$
Nat. — Natural, no treatment
NE — Northeast $\frac{1}{4}$
NL — From the north line
NW — Northwest $\frac{1}{4}$
OTD — Old total depth
OWDD — Old well drilled deeper
OWWO — Old well worked over
PB — Plugged back
PBTD — Plugged-back total depth
R — Range
S/2 — South $\frac{1}{2}$
SE — Southeast $\frac{1}{4}$
SG — Show of gas
Sh. — Shale
SIGW — Shut-in gas well
SL — From the south line
SO — Show of oil
Spd. — Spudded
Ss. — Sandstone
SSO — Slight show of oil
SW — Southwest $\frac{1}{4}$
Swb. — Swabbing
SWD — Salt water disposal well
T — Township
TD — Total depth
Temp. abd. — Temporarily abandoned
W/2 — West $\frac{1}{2}$
WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
WL — From the west line
WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)

no. 493
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State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

No. 493 November 1977

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Geol Survey

DISCOVERIES

New Fields

HOLLIDAY. Fayette County, 22-9N-3E, Devonian at 3145'. Discovery well, Louis H. Kapp, Jr. #1 Goldie Wills, IP 20 BOP.

ILLIOPOLIS. Sangamon County, 26-16N-2W, Silurian at 1762'. Discovery well, Homeier Oil Enterprises #1-A Howard Smith, IP 40 BOP, 50 BW.

New Pays in Fields

ROCHESTER. Wabash County, 22-2S-13W, Salem at 3178'. Discovery well, Hocking Oil Co., Inc. #1 Riley Heirs, IP 30 BOP.

Extensions to Fields

POSEY WEST. Clinton County, 12-1N-3W, Devonian at 2574'. Discovery well, John F. Dunnill #1 Aileen Jobe, IP 5 BOP.

ILLINOIS STATE
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TABLE I

New Pools Discovered from December 1976 through November 1977

Pool:	County	Twp.	Rng.
December 1976			
None			
January 1977			
None			
February			
None			
March			
None			
April			
None			
May			
None			
June			
None			
July			
None			
August			
None			
September			
Cooperstown (gas)	Brown County	1S	2W
October			
None			
November			
Holliday	Fayette County	9N	3E
Illiopolis	Sangamon County	16N	2W

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				Production in Thousands of Barrels
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,251
Apr.	46	0	3	42	7	20	10	6	78	2,261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2,222
Dec.	90	0	5	80	15	57	15	9	161	2,238
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,272
1977										
Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	59(1)	0	0	54(1)	5	21	10	0	86	2,274
June	58(3)	0	1	54(3)	5	32	12	7	108	2,214
July	40(1)	0	1(2)	39(3)	2	26	13	3	84	2,180
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60	2,238
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103	2,190
Oct.	53	0	2	46	9	36	9	5	96	2,170
Nov.	61(2)	2	1	61(2)	3	28	12	5	108	2,100

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through September 1977 are from reports received directly from crude gathering companies. The figures for October and November 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, November 1977

County	Permits to Drill[o]	Total Comp.	Production Tests: New Holes: Prod.	Production Tests: New Holes: D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions: Were Prod.	Service Wells: Conversions: Others	Service Wells: Structure Tests
Bond	2	5	5	-	-	-	-	-	-
Brown	-	1	-	1	-	-	-	-	-
Christian	11	1	-	-	-	-	1	-	-
Clark	4	1	-	1	-	-	-	-	-
Clay	6	9	4	3	1	-	-	1	-
Clinton	1	2	2	-	-	-	-	-	-
Coles	2	2	1	1	-	-	-	-	-
Crawford	12	24	17*	4	1	2	-	-	-
De Witt	1	-	-	-	-	-	-	-	-
Edgar	3	2	2*	-	-	-	-	-	-
Edwards	5	7	3	4	-	-	-	-	-
Effingham	4	1	-	1	-	-	-	-	-
Fayette	2	1	1	-	-	-	-	-	-
Franklin	5	-	-	-	-	-	-	-	-
Gallatin	6	4	-	3	-	-	1	-	-
Hamilton	3	2	-	2	-	-	-	-	-
Jasper	4	1	-	1	-	-	-	-	-
Jefferson	6	1	-	1	-	-	-	-	-
Lawrence	5	6	2	3	-	1	-	-	-
McLean	-	1	-	1	-	-	-	-	-
Macon	1	-	-	-	-	-	-	-	-
Marion	5	3	-	2	-	-	1	-	-
Montgomery	-	2	-	2	-	-	-	-	-
Pope	-	1	-	1	-	-	-	-	-
Randolph	-	3	3	-	-	-	-	-	-
Richland	2	-	-	-	-	-	-	-	-
Sangamon	-	5	4	1	-	-	-	-	-
Wabash	15	3	1	-	1	1	-	-	-
Washington	1	2	1	1	-	-	-	-	-
Wayne	24	22	14	7	-	1	-	-	-
White	20	6	3	3	-	-	-	-	-
Williamson	-	2	-	2	-	-	-	-	-
	150	120	63	45	3	5	3	1	-

*Includes 1 gas well.

[o]Issued by Department of Mines and Minerals, Springfield, Illinois, October 27, 1977 through November 30, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, November 1977

County	Permits to drill*	Total Comp.	Injection & Withdrawal		Service Wells	
			New Wells	Conver-sions	New Wells	Conver-sions
Champaign	1	3	3	-	-	-
	1	3	3	-	-	-

*Issued by Department of Mines and Minerals, Springfield, Illinois October 27, 1977 through November 30, 1977.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at $1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for $1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

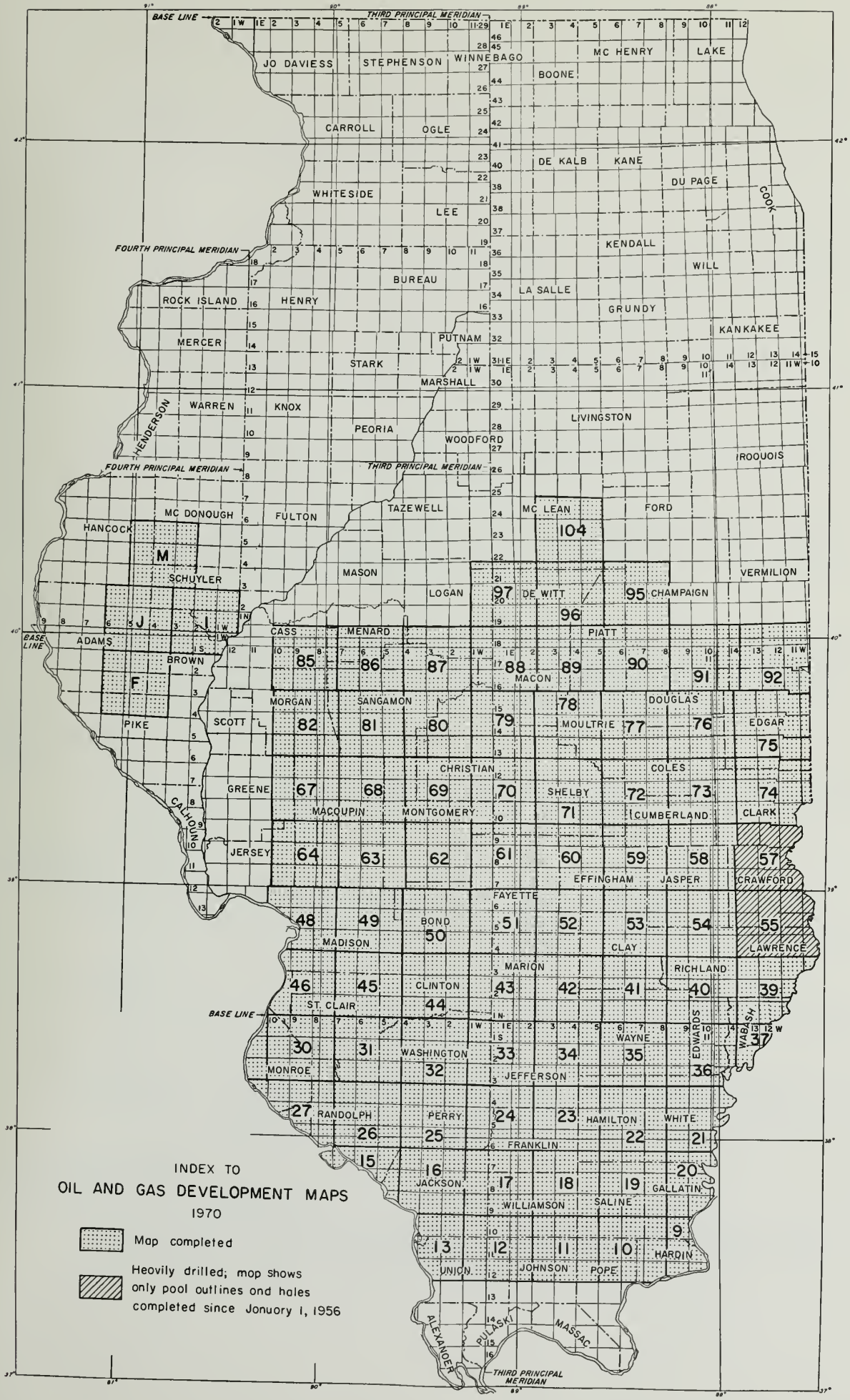
OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.
410 East University Avenue
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company
Box 436
Mattoon, IL 61938 (phone 217-235-0311)


BASE LINE
THIRD PRINCIPAL MERIDIAN
FOURTH PRINCIPAL MERIDIAN
JO DAVIESS
STEPHENSON
WINNEBAGO
MC HENRY
LAKE
BOONE
CARROLL
OGLE
DE KALB
KANE
DU PAGE
COOK
WHITESIDE
LEE
KENDALL
WILL
BUREAU
LA SALLE
ROCK ISLAND
HENRY
GRUNDY
KANKAKEE
MERCER
PUTNAM
STARK
MARSHALL
WARREN
KNOX
HENDERSON
PEORIA
LIVINGSTON
WOODFORD
IROQUOIS
MC DONOUGH
FULTON
TAZEWELL
MC LEAN
FORD
HANCOCK
SCHUYLER
MASON
LOGAN
DE WITT
CHAMPAIGN
VERMILION
ADAMS
BROWN
CASS
MENARD
PIATT
MACON
MORGAN
SANGAMON
DOUGLAS
PIKE
SCOTT
MOULTRIE
EDGAR
CHRISTIAN
COLES
GREENE
SHELBY
CALHOUN
MACOUPIN
MONTGOMERY
CUMBERLAND
CLARK
JERSEY
EFFINGHAM
JASPER
CRAWFORD
FAYETTE
BOND
MADISON
CLAY
LAWRENCE
MARION
RICHLAND
CLINTON
ST. CLAIR
WAYNE
EDWARDS
WABASH
WASHINGTON
MONROE
JEFFERSON
RANDOLPH
PERRY
HAMILTON
WHITE
FRANKLIN
JACKSON
GALLATIN
WILLIAMSON
SALINE
HARDIN
UNION
JOHNSON
POPE
ALEXANDER
PULASKI
MASSAC
THIRD PRINCIPAL MERIDIAN
INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970
Map completed
Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELLS COMPLETED FROM OCTOBER 29, 1977 TO NOVEMBER 25, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WF) is more than 1½ miles from production.

BOND COUNTY

5N, 4W

15, 424'NL, 310'EL, SE SW. Sam Parker Oil Co. #6 Donk Bros. Coal & Coke. Spd. 8-11-77. Comp. 10-4-77. TD 619'. IP 3 BOP/1 BW. Pennsylvanian, top 613', frac. Old Ripley.

15, SW NW SE. Sam Parker Oil Co. #1 Wayne Skinner. Spd. 9-26-77. Comp. 10-23-77. TD 630'. IP 1 BOP/3 BW. Pennsylvanian, top 614', frac. Old Ripley.

21, 185'NL, 89'EL, SE NE NE. Sam Parker Oil Co. #8 Parker. Spd. 8-5-77. Comp. 9-28-77. TD 654'. IP 3 BOP/2 BW. Pennsylvanian, top 646', frac. Old Ripley.

22, 626'SL, 330'WL, NW NW. Sam Parker Oil Co. #6 Sam Parker. Spd. 6-28-77. Comp. 9-28-77. TD 635'. IP 3 BOP/1 BW. Pennsylvanian, top 620', frac. Old Ripley.

6N, 2W

16, 500'SL, 330'EL, NE. Shakespeare Oil Co., Inc. #2 L. Foppe. Spd. 9-6-77. Comp. 11-1-77. TD 3207'. IP 27 BOP/trace of water. Trenton, top 3180', acid. Woburn Consol.

BROWN COUNTY

1S, 4W

33, 430'SL, 330'EL, SW. Earnest Wright #2W Davis. Spd. 4-10-77. Comp. 6-13-77. TD 705'. D&A. Silurian, top 675'. Buckhorn.

CHAMPAIGN COUNTY

21N, 7E

8, 50'SL, 50'WL, NE SW. Peoples Gas Light & Coke Co. #3 V. Wilkin. Spd. 7-26-77. Comp. 8-20-77. TD 4210'. Gas injection/withdrawal. Mt. Simon, top 3964'. Manlove Gas Storage.

8, 50'NL, 50'EL, SW NW. Peoples Gas Light & Coke Co. #4 V. Wilkin. Spd. 9-24-77. Comp. 10-28-77. TD 4215'. Gas injection/withdrawal. Mt. Simon, top 3950'. Manlove Gas Storage.

27, 71'SL, 181'EL, NW. Peoples Gas Light & Coke Co. #6 F. Hazen. Spd. 5-26-77. Comp. 6-21-77. TD 4306'. Gas injection/withdrawal. Mt. Simon, top 4040'. Manlove Gas Storage.

CHRISTIAN COUNTY

12N, 1E

34, 330'SL, 380'WL, NE SE. Collins Brothers Oil Co. #3 Mary Hatcher. Conversion. Was Benoist producer. Comp. 5-13-77. COTD 1502'. Water input. Benoist, top 1455'. Pana.

CLARK COUNTY

11N, 11W

34, C N/2 NE NE. Reynolds & Vincent, Inc. #1 Albert Wernz et al. Comm. Spd. 9-19-77. Comp. 9-22-77. TD 1504'. D&A. Salem, top 1370'. WF.

CLAY COUNTY

2N, 7E

11, SW SE NW. Franklin Oil Co., Inc. #1 T. Mix. Abd. loc. Clay City Consol.

15, 430'SL, 365'EL, SE. David F. Herley #1 James Buffington. Spd. 6-15-77. Comp. 8-29-77. TD 3615'. IP 37 BOP. Aux Vases, top 2958', acid. Clay City Consol.

3N, 5E

1, C NW NE. Shelby A. & Sylvia Britton #1 Dean Sutton. OWWO. Was H.A.V.E. Oil Co. #1 Dean Sutton. Was D&A. OTD 6048'. Comp. 2-20-75. Recomp. 10-19-77. COTD 2889'. D&A. McClosky, top 2880' (approx.). WN - Oskaloosa.

17, 360'SL, 345'WL, NE NW. Van Fossan Associates #1 Wyman et al. Comm. OWWO. OWDD. Was E. A. Obering #1 Wyman Comm. Was D&A. OTD 2849'. Comp. 2-2-54. Recomp. 11-13-77. DTD 4420'. D&A. Devonian, top 4320' (approx.). Oskaloosa South.

4N, 6E

20, SE NE NE. McKinney Oil Producer, Inc. #1 Kincaid. Spd. 10-1-77. Comp. 11-7-77. TD 2881'. IP 14 BOP/0 BW. McClosky, top 2867', acid. Louisville.

4N, 7E

35, 425'SL, 330'WL, SE. Woodrow Franklin #2 R. Franklin. Spd. 12-1-74 (est.). Comp. 6-9-77. TD 2986'. D&A. McClosky, top 2956' (approx.). Sailor Springs Consol.

35, SE SW SE. Woodrow Franklin #3 R. Franklin. Spd. 11-15-75 (est.). Comp. 6-6-77. TD 3525'. D&A. Salem, top 3370' (approx.). Sailor Springs Consol.

35, NW SE SE. Franklin Oil Co., Inc. #1 Franklin Hrs. Abd. loc. Sailor Springs Consol.

36, 330'NL, 380'WL, SW SE. Woodrow Franklin #2-B R. Franklin. Spd. 6-10-76. Comp. 10-25-77. TD 3542'. D&A. Salem, top 3330'. Sailor Springs Consol.

5N, 6E

1, NW NE NE. Black and Black Oil Co. #1-A Heitman Heirs. Spd. 4-15-77. Comp. 11-4-77. TD 2893'. IP 8 BOP/15 BW. Aux Vases, top 2725', frac. Sailor Springs Consol.

CLAY COUNTY (continued)

5N, 7E

4, C N/2 N/2 SE. Texaco, Inc. #6 North Bible Grove Unit Tract 10. Spd. 9-25-77. Comp. 10-21-77. TD 2526'. IP 1.5 BOP/258 BW. Cypress, top 2502', nat. Sailor Springs Consol.

Irr. 14, 330'NL, 330'WL, SE SW. Shelby A. & Sylvia Britton #1 Butler. Conversion. Was McCollum & Kincaid #1 W. O. Butler. Was plugged Aux Vases producer. OTD 2970'. OWWO. OWDD by W. O. Butler & Shelby A. Britton. DTD 3010'. Was temp. abd. Comp. 10-72. Recomp. 7-7-74. COTD 3010'. SWD. McClosky, top 2968'. Sailor Springs Consol.

22, SE SW SE. Don W. Newton #3 Vickery. OWWO. Was Floyd Johnson. Was D&A. OTD 3085'. Comp. 6-16-59. Recomp. 8-1-77. COTD 3085'. IP 8 BOP/30 BW. McClosky, top 2923', mca. Sailor Springs Consol.

CLINTON COUNTY

1N, 1W

23, NE SE SW. Leonard Fields #1-A Aster Fields Comm. Spd. 4-4-77. Comp. 10-25-77. TD 1496'. IP 1 BOP. Cypress, top 1301', frac. Wamac West.

1N, 3W

12, SE SW NW. John F. Dunnill #1 Aileen Jobe. Spd. 8-18-77. Comp. 11-8-77. TD 2616'. IP 5 BOP. Devonian, top 2574', mca and acid. EXTENSION TO POSEY WEST FIELD.

COLES COUNTY

11N, 7E

3, C S/2 NE NE. James R. Covington #1-S Watson-I.C.G.R.R. Comm. Spd. 8-19-77. Comp. 10-25-77. TD 2250'. IP 10 BOP. Salem, top 2208', mca. Mattoon.

13N, 9E

35, SE SE NW. R. Michael Harris, Inc. #1 E. Corley. Spd. 10-21-77. Comp. 10-26-77. TD 1824'. D&A. Devonian, top 1598'. WF.

CRAWFORD COUNTY

5N, 12W

Irr. 4, 990'NL, 330'WL, W/2 SW. Louis H. Kapp, Jr. #1 Charles Siler. Spd. 9-27-77. Comp. 11-4-77. TD 1948'. IP 10 BOP. Robinson, top 860', frac. Main Consol.

9, NE NW SW. Fair-Rite Products Corp. #2 Fair-Rite. Spd. 8-1-77. Comp. 11-1-77. TD 1280'. SIGW. Pennsylvanian, top 1198'. Main Consol.

5N, 13W

2, 380'NL, 330'EL, SE. Energy Resources of Indiana, Inc. #1A Richart Heirs. Spd. 2-15-77. Comp. 11-1-77. TD 1325'. IP 12 BOP. Bethel, top 1255', frac. Main Consol.

CRAWFORD COUNTY (continued)

5N, 13W

12, NW NE NW. Energy Resources of Indiana, Inc. #1 L. G. Hoke et al. Spd. 7-23-77. Comp. 11-8-77. TD 1560'. IP 50 BOP/2 BW. Robinson, top 860', frac. Main Consol.

6N, 12W

31, 330'SL, 360'WL, SE NW. Duke Resources Corp. #1 Robert McCarter. Spd. 6-2-77. Comp. 11-8-77. TD 4343'. IP 14 BOP. Trenton, top 4020', acid and frac. Main Consol.

6N, 13W

25, 330'SL, 430'EL, SE. Used Oil Field Equipment #T1 John S. & Leona M. Adams. Spd. 4-8-77. Comp. 11-8-77. TD 4160'. D&A. Trenton, top 4010'. Main Consol.

34, 343'NL, 330'EL, SW SE. E. L. Whitmer, Inc. #1 Sloan. Spd. 7-26-77. Comp. 11-8-77. TD 1073'. IP 10 BOP/10 BW. Robinson, top 953', frac. Main Consol.

35, 570'SL, 330'EL, SW NW. Energy Resources of Indiana, Inc. #T-1 Baldwin II. Spd. 7-1-77. Comp. 11-8-77. TD 2066'. IP 21 BOP. Robinson, top 837', mca and frac. Main Consol.

35, NE SE SW. Energy Resources of Indiana, Inc. #T-1 Marshall Hrs. Spd. 7-4-77. Comp. 11-8-77. TD 4125'. IP 5 BOP/10 BW. Trenton, top 3935', mca. Main Consol.

35, SE NE SE. Lamar Properties #2-A A. J. Shipman. Spd. 6-30-77. Comp. 9-10-77. TD 1527'. D&A. St. Louis, top 1446'. Main Consol.

35, 500'NL, 500'EL, NW SE. Lamar Properties #3-A A. J. Shipman. Spd. 7-6-77. Comp. 11-1-77. TD 4010'. IP 50 BOP. Trenton, top 3904', frac. Main Consol.

36, C SW SW. Marathon Oil Co. #1 E. G. Shipman et al. Spd. 9-28-77. Comp. 10-30-77. TD 4040'. IP 56 BOP/0 BW. Trenton, top 3930'. Main Consol.

7N, 12W

5, SE SE SE. Mason Oil Co. #1 Floyd R. & Norma I. Osborn. Spd. 3-10-77. Comp. 11-1-77. TD 1100'. IP 8 BOP. Robinson, top 1041', frac. Main Consol.

10, 330'SL, 331'WL, SE NW. Mason Oil Co. #12 Floyd R. & Norma I. Osborn. Spd. 7-17-77. Comp. 11-1-77. TD 1103'. IP 10 BOP (est.). Robinson, top 992'. Main Consol.

10, NW SW NW. Mason Oil Co. #13 Floyd R. & Norma I. Osborn. Spd. 5-3-77. Comp. 5-15-77. TD 1100'. IP 8 BOP/50 BW. Robinson, top 1036', frac. Main Consol.

CRAWFORD COUNTY (continued)

7N, 12W

Irr. 20, 990'SL, 660'WL, SW. Energy Resources Corp. #3-L Tom McComb. Spd. 8-2-77. Comp. 8-17-77. TD 4250'. D&A. Trenton, top 4088'. Main Consol.

30, 1055'NL, 350'EL, NW. Jack J. Grynberg #2-B Cortelyou. OWWO. OWDD. Was Logan Oil Co. #1 C. H. Cortelyou. Was D&A. OTD 1864'. Comp. 9-1-67. Recomp. 9-27-77. DTD 3000'. IP 11 BOP/84 BW. Devonian, top 2776'. Main Consol.

7N, 13W

10, C E/2 SE SW. C.E.R. Production Co. #2 C. Stantz. Abd. loc. Main Consol.

21, 386'SL, 595'WL, SE NE. Marathon Oil Co. MM-501 Francis Wood. Spd. 9-27-74. Comp. 10-2-74. TD 1020'. Observation well. Robinson sand, top 980'. Main Consol.

21, 386'SL, 585'WL, SE NE. Marathon Oil Co. MM-502 Francis Wood. Spd. 10-3-74. Comp. 10-11-74. TD 1020'. Observation well. Robinson, top 980'. Main Consol.

21, 50'SL, 950'EL, NE. Marathon Oil Co. MM-601 Francis Wood. Spd. 7-5-74. Comp. 7-15-74 (est.). TD 1017'. IP not available. Robinson, top 980'. Main Consol.

21, 40'SL, 943'EL, NE. Marathon Oil Co. MM-602-A Francis Wood. Spd. 7-12-74. Comp. 11-11-74. TD 1017'. IP not available. Robinson, top 982'. Main Consol.

8N, 12W

8, SW SE NW. Robert W. Randall #4 Lindley. Spd. 1-2-77. Comp. 10-25-77. TD 1006'. Oil producer, IP not available. Robinson, top 960'. Main Consol.

32, NE SW SE. David Jones Oil Producer #1 Williamson-Garrard Comm. Spd. 4-18-77. Comp. 10-10-77. TD 1075'. IP 20 BOP/50 BW. Pennsylvanian, top 1029', frac. Main Consol.

8N, 13W

19, SW NW SE. Scates Exploration Co., Inc. #1 G. Roland Gwinn. Spd. 11-18-76. Comp. 11-25-76. TD 2832'. D&A. Devonian, top 2664'. New Bellair.

EDGAR COUNTY

12N, 13W

5, NE SE SW. Earnest Zink #4 Pinnell. Spd. 9-20-77. Comp. 10-5-77. TD 500'. IP 300 MCFG. Pennsylvanian, top 470'. Grandview.

13N, 13W

10, C NW NE. Estate of Walter Henigman #5 Brinkerhoff "C". Spd. 5-20-77. Comp. 6-21-77. TD 438'. IP 3 BOP/0 BW. Pennsylvanian, top 405', shot. Dudley.

EDWARDS COUNTY

1N, 10E

22, C N/2 SE NW. Spartan Petroleum Co. #1 C. C. Hoeszle. Spd. 10-7-77. Comp. 10-16-77. TD 3337'. D&A. Ste. Genevieve, top 3240' (approx.). WN - Samsville West.

22, SE NW SE. Spartan Petroleum Co. #1 Weber Heirs. Spd. 7-1-77. Comp. 10-18-77. TD 4150'. IP 35 BOP/20 BW. Salem, top 3868', acid. Samsville West.

1N, 14W

33, SW NW SE. F. E. Frassato #1 Mewes. Spd. 5-1-76. Comp. 5-22-76. TD 3640'. D&A (est.). Salem, top 3375' (approx.). Bone Gap East.

1S, 10E

15, 540'NL, 330'WL, SE NE. Edward J. Saxe #2 Lyle Thread. Spd. 8-7-77. Comp. 8-18-77. TD 4240'. D&A. Ullin, top 4070'. Bone Gap Consol.

35, SE SE NE. Thunderbird Service & Supply Co., Inc. #1 Sylvan Stinnett. Spd. 8-19-77. Comp. 11-8-77. TD 4218'. Temp. abd. Osage, top 4172'. WN - Albion Consol.

1S, 14W

3, NW NW SW. Louis A. Pessina #1-A Harriet Seacat. Spd. 9-2-77. Comp. 10-25-77. TD 3600'. IP 8 BOP/trace of water. Ohara, top 2964', acid; Salem, top 3560', acid. Bone Gap East.

2S, 10E

31, 660'NL, 60'EL, SE NW. Robinson Production, Inc. #1 Snowdall. Spd. 6-12-70 (est.). Comp. 11-4-77. TD 3365'. IP 21 BOP/98 BW. Aux Vases, top 3184', frac. Goldengate Consol.

3S, 11E

Irr. 18, 330'SL, 990'WL, NE SW. R. A. Harris #A-3 Linzey Steele. OWWO. OWDD. Was D&A. OTD 2435'. Comp. 9-18-73. Recomp. 10-19-77. DDTD 3176'. D&A. McClosky, top 3156'. Phillipstown Consol.

EFFINGHAM COUNTY

9N, 4E

30, SW NE NE. John Carey Oil Co., Inc. #1 Peter Grujanac. Spd. 6-13-77. Comp. 6-21-77. TD 3168'. D&A. Devonian, top 3130' (approx.). WN - Louden.

31, SE NE NW. Tri-Star Producing, Inc. #1 Clow. Abd. loc. Louden.

FAYETTE COUNTY

7N, 3E

29, NW NW NW. Exxon Corp. #1 Lewis Ripley. OWWO. OWDD. Was Carter Oil Co. #1 L. Ripley. Was plugged Cypress producer. OTD 1572'. Comp. 11-23-38. Recomp. 5-25-77. DTD 1605'. IP 3 BOP/40 BW. Cypress, top 1556'. Louden.

8N, 3E

1, 365'NL, 365'WL, NE NW. Exxon Corp. #1 A. W. St. Pierre. OWDD. Was Cypress producer. OTD 1558'. Comp. 10-8-40. Recomp. 9-17-77. DTD 1672'. IP 18.1 BOP/161 BW. Cypress, top 1530'; Bethel, top not available; Benoist, top not available, frac. Louden.

9N, 3E

22, NW SE SW. Louis H. Kapp, Jr. #1 Goldie Wills. Spd. 10-10-77. Comp. 11-12-77. TD 3237'. IP 20 BOP/0 BW. Devonian, top 3145', mca and frac. DISCOVERY OF HOLLIDAY FIELD.

FRANKLIN COUNTY

5S, 3E

11, NW NE NE. C. E. Brehm Drlg. & Prod. #1 Neal. Abd. loc. WN - Ewing East.

1, 940'SL, 380'EL, SW SW. C. E. Brehm Drlg. & Prod. #1 Pearce. Abd. loc. Ewing East.

1, NW SW NE. C. E. Brehm Drlg. & Prod. #1 Tucker. Abd. loc. WN - Ewing East.

5S, 4E

24, SW SW NW. C. E. Brehm Drlg. & Prod. #1 "A" Neal. Abd. loc. Macedonia.

GALLATIN COUNTY

7S, 9E

23, NE SE SE. Collins Brothers Oil Co. #1 Holland. Conversion. Was Tar Springs producer. Comp. 7-16-77. COTD 2430'. Water input. Tar Springs, top 2323'. Herald Consol.

7S, 10E

Irr. 27, 330'SL, 740'EL, NE NW. C. E. Brehm Drlg. & Prod. #1 Martin Duffy. Spd. 9-17-77. Comp. 9-23-77. TD 2951'. D&A. St. Louis, top 2890' (approx.). Inman East Consol.

8S, 10E

17, NE SE SW. C. E. Brehm Drlg. & Prod. #3 Fuhrer. Spd. 8-24-77. Comp. 9-1-77. TD 3811'. D&A. Ullin, top 3560' (approx.). Inman East Consol.

17, NE NW SW. C. E. Brehm Drlg. & Prod. #A-1 Fuhrer. Spd. 9-9-77. Comp. 9-14-77. TD 2835'. D&A. Ste. Genevieve, top 2760' (approx.). Inman East Consol.

HAMILTON COUNTY

6S, 5E

3, SE SE NE. C. E. Brehm Drlg. & Prod. #1 Stover. Spd. 9-27-77. Comp. 10-5-77. TD 3650'. D&A. St. Louis, top 3505' (approx.). WN - Rural Hill North.

HAMILTON COUNTY (continued)

6S, 6E

24, 330'NL, 950'EL, NE. Wavell Burton #1 Reeves Comm. Spd. 6-16-75. Comp. 7-15-75 (est.). TD 2500'. D&A. Tar Springs, top 2448'. Dale Consol.

JASPER COUNTY

6N, 9E

4, 330'NL, 760'WL, NE. Elton M. Botts #1-A C. R. Hanna. Spd. 10-3-76. Comp. 7-11-77. TD 3013'. D&A. Ste. Genevieve, top 2985'. WN - Lis.

JEFFERSON COUNTY

1S, 1E

26, C SW NE. George Mitchell Drlg. Contractor #1 Paul Hart. Spd. 9-29-77. Comp. 10-10-77. TD 4028'. D&A. Devonian, top 3830' (approx.). WN - Boyd.

1S, 3E

13, 350'NL, 350'EL, NW NE. E. Homer Jahn #3 Ira Shafer. Abd. loc. Divide Consol.

LAWRENCE COUNTY

2N, 12W

11, C N/2 SW NE. La Har Oil Co. #12 R. G. Buchanan et al. Abd. loc. Lawrence.

3N, 12W

16, C SE NW. Marathon Oil Co. #21 R. T. Gillespie A/C 1. Spd. 3-14-77. Comp. 8-20-77. TD 1455'. IP 6 BOP/387 BW. Buchanan, top 1393', acid. Lawrence.

26, 20'SL, 300'WL, NE NE. Wayne Smith, Op., Inc. #W-2-R George Leighty. Spd. 7-3-77. Comp. 7-8-77. TD 1338'. D&A. Tar Springs, top 1300' (approx.). Lawrence.

3N, 13W

14, 330'NL, 330'EL, NE. Reinhold Producers #3 M. Staats Comm. Spd. 10-30-76. Comp. 8-14-77. TD 2261'. IP 16 BOP/25 BW. Spar Mountain, top 2201', frac.; McClosky, top 2221', frac. Lawrence West.

4N, 12W

19, 660'NL, 610'WL, NE. Marathon Oil Co. #66 S. E. Hazel a/c 1. Spd. 8-11-75. Comp. 9-12-75. TD 3125'. Temp. abd. Devonian, top 2901'. Lawrence.

4N, 13W

2, 668'SL, 1'EL, SE. Wayne Smith, Op., Inc. #W-736 M. X. Piper. Spd. 10-7-75. Comp. 11-15-75. TD 1531'. Water input. Jackson, top 1338'; Cypress, top 1390'; Bethel, top 1502'. Lawrence.

5N, 11W

26, NW NW SW. W. A. Corley #1 Jack R. Hoalt. Spd. 8-28-77. Comp. 9-5-77. TD 3033'. D&A. Devonian, top 3004'. Main Consol.

MCLEAN COUNTY

22N, 4E

33, NW SW SE. Merle Kuehling #1 O'Neil. Spd. 9-10-77. Comp. 9-13-77. TD 1182'. D&A. Silurian, top 1162'. WF.

MARION COUNTY

1N, 3E

30, NE NW SW. G.A.M. Oil Co. #1 Pitts. Spd. 6-15-76. Comp. 11-1-77. TD 2946'. D&A. Salem, top 2700' (est.). WN - Kell North.

2N, 1E

21, NW SW NW. E. Homer Jahn #1 Spieser et al. Spd. 10-18-77. Comp. 10-26-77. TD 3355'. D&A. Devonian, top 3270' (approx.). WF.

4N, 1E

35, NW SE NW. Fred Seip #2 R. J. Stephens. Conversion. Was Gulf Oil Corp. #2 R. J. Stephens. Was Cypress producer. Comp. 5-7-76. COTD 1369'. Water input. Cypress, top 1323'. Patoka East.

MONTGOMERY COUNTY

8N, 5W

29, SW SE SW. Edward C. Koch #1K Niemann. Spd. 11-5-76. Comp. 11-1-77. TD 1738'. D&A. Devonian, top 1738'. Mount Olive.

31, 2507'NL, 2310'EL, NE. Edward C. Koch #1K Mueller. Spd. 11-22-76. Comp. 11-30-76. TD 777'. D&A. Pennsylvanian, top 770'. Mount Olive.

POPE COUNTY

14S, 5E

9, SW SE SW. Milo Ditterline #1 Milo Ditterline. Spd. 8-29-77. Comp. 9-12-77. TD 1165'. D&A. St. Louis, top 1108'. WF.

RANDOLPH COUNTY

4S, 5W

Irr. 6, 318'NL, 345'WL, SW SW. John W. Kelly #1 Boyd. Spd. 10-3-77. Comp. 11-8-77. TD 2129'. IP 115 BOP/80 BW. Silurian, top 2079', acid. Tilden North.

4S, 6W

12, NW NE NE. Elmer Oelze, Jr. #1 Hake. Spd. 6-14-77. Comp. 11-8-77. TD 2145'. IP 15 BOP. Silurian, top 2142', acid. Tilden North.

12, 330'NL, 470'EL, NE NW. Elmer Oelze, Jr. #1-A Hoffman. Spd. 6-3-77. Comp. 11-8-77. TD 2109'. IP 50 BOP. Silurian, top 2100', acid. Tilden North.

SANGAMON COUNTY

15N, 3W

Irr. 4, 990'SL, 330'WL, SE SW. Homeier Oil Associates #4 Ross. Spd. 6-16-76. Comp. 10-22-77. TD 1788'. D&A. Silurian, top 1696'. Roby.

SANGAMON COUNTY

15N, 4W

34, 330'NL, 825'WL, SE. Homeier Oil Enterprises, Inc. #8 Carter. Spd. 10-27-75. Comp. 11-20-75. TD 1712'. IP 10 BOP/5 BW. Silurian, top 1670', acid. New City.

34, 330'NL, 510'WL, SE. Emil Krachik #9 Carter. Spd. 11-6-76. Comp. 11-16-76. TD 1680'. IP 1 BOP/0 BW. Silurian, top 1660', nat. New City.

16N, 2W

26, 710'SL, 330'WL, SE. Homeier Oil Enterprises #1-A Howard Smith. Spd. 11-7-74. Comp. 11-28-74 (est.). TD 1803'. IP 40 BOP/50 BW. Silurian, top 1762', acid. DISCOVERY OF ILLIOPOLIS FIELD.

26, NE NW SE. Homeier Oil Enterprises #3 Howard Smith. Spd. 5-1-75 (est.). Comp. 5-31-75 (est.). TD 1784'. IP 80 BOP/10 BW. Silurian, top 1742'. Illiopolis.

SCHUYLER COUNTY

2N, 2W

24, 330'SL, 709'EL, NE NW. Claude McElvain #1 Hood. OWWO. OWDD. Was Arthur M. Scoggin #1 Hood. Was D&A. OTD 428'. Comp. 8-19-76. Recomp. 10-2-77. DTD 762'. D&A. Silurian, top 710'. WN - Rushville.

WABASH COUNTY

1N, 12W

24, 30'SL, 150'EL, NW. Whiteside Oil Co. #1 Courter Unit WSW. Spd. 6-20-75. Comp. 6-25-75. TD 132'. Water supply well. Alluvium, top 83'. Allendale.

1S, 14W

34, 340'SL, 330'WL, SE NW. Rush Creek Oil Co., Inc. #1 John E. Raber. Spd. 8-24-77. Comp. 11-8-77. TD 2744'. IP 22 BOP. Cypress, top 2699', mca and acid. Browns.

2S, 13W

22, SW NW SE. Hocking Oil Co., Inc. #1 Riley Heirs et al. Unit. OWWO. OWDD. Was Columbus Exploration Co. #1 Healy, Riley, and Waddle Comm. Was D&A. OTD 1980'. Comp. 6-2-53. Recomp. 11-7-77. DTD 3375'. IP 30 BOP/0 BW. Salem, top 3178'. Rochester. NEW PAY IN FIELD.

WASHINGTON COUNTY

3S, 2W

12, 940'SL, 330'EL, SW SE. Elmer Oelze, Jr. #1 Hoffman. Spd. 9-9-77. Comp. 10-4-77. TD 1361'. IP 50 BOP/50 BW. Benoist, top 1355'. Dubois Consol.

3S, 3W

34, SW NE SW. Elmer Oelze, Jr. #1 Nelson Ibendahl. Spd. 10-20-77. Comp. 10-24-77. TD 1301'. D&A. Benoist, top 1280' (approx.). WN - Cordes.

WAYNE COUNTY

1N, 7E

11, 555'SL, 655'EL, NW. Union Oil Co. of California #1 E. M. Barrett, S. E. Jordan School Unit. Conversion. Was Aux Vases producer converted to Aux Vases water input. Comp. 9-30-77. COTD 2997'. IP 10 BOP/340 BW. Aux Vases, top 2935'. Clay City Consol.

1N, 8E

23, 660'SL, 685'EL, NW NE. Union Oil Co. of California #B-2 J. O. Van Fossan. Spd. 8-31-77. Comp. 10-25-77. TD 3700'. IP 53 BOP/324 BW. Salem, top 3648', mca. Clay City Consol.

33, 330'SL, 40'WL, NE NE. Robinson Prod., Inc. #5-WI Rinkel. Spd. 8-9-77. Comp. 11-4-77. TD 3028'. Water input. Aux Vases, top 3002'. Clay City Consol.

2N, 7E

22, NE NE NE. John M. Zanetis #A-1 Henderson. Abd. loc. Clay City Consol.

23, NW NW NW. Hubert W. Rose #1 Henderson Comm. Spd. 7-22-77. Comp. 11-8-77. TD 3613'. IP 257 BOP/33 BW. Aux Vases, top 2956', mca and frac.; McClosky, top 3060', mca. Clay City Consol.

25, C N/2 NE SE. Santoro Oil Co., Inc. #1 M. Wells et al. Spd. 5-14-77. Comp. 10-18-77. TD 3747'. D&A. Ullin, top 3725' (approx.). Clay City Consol.

1S, 5E

19, NW SE NW. Farmers Petroleum Cooperative, Inc. #1 Garrison. Spd. 8-4-77. Comp. 10-13-77. TD 3565'. IP 38 BOP/30 BW. Salem, top 3486', acid. Coil.

27, NW SW SW. Collins Brothers Oil Co. #1 Elsie Smith "A". Spd. 3-9-77. Comp. 4-14-77. TD 3700'. IP 307 BOF/0 BW. Salem, top 3617', acid. Keenville.

28, 330'SL, 380'WL, SE NE. Lake Michigan Exploration Co. #2 McCord. Spd. 9-9-77. Comp. 11-1-77. TD 3742'. IP 75 BOP/50 BW. Salem, top 3669', mca. Keenville.

28, NE NE SE. Collins Brothers Oil Co. #1 Reed-Ellis-Smith-Keen Comm. Spd. 2-2-77. Comp. 4-4-77. TD 3759'. IP 72 BOP/140 BW. Salem, top 3650', acid. Keenville.

28, NE SE SE. Collins Brothers Oil Co. #1 Elsie Smith "B". Spd. 4-3-77. Comp. 4-26-77. TD 3841'. IP 160 BOF/trace of water. Salem, top 3635', acid. Keenville.

32, NE NE SE. Richard W. Beeson #1 J. M. Knauss. Spd. 10-18-77. Comp. 11-8-77. TD 3802'. D&A. Salem, top 3475'. WN - Keenville.

WAYNE COUNTY (continued)

1S, 5E

34, NE NW SW. Texaco, Inc. #7 J. Bowyer "A". Spd. 9-8-77. Comp. 9-17-77. TD 3882'. IP 28 BOP/460 BW. Aux Vases, top 2980', frac.; Salem, top 3488', acid. Keenville.

34, NW SE SW. Richard W. Beeson #1 Bozarth et al. Spd. 10-3-77. Comp. 11-8-77. TD 3953'. Temp. abd. Salem, top 3458'. Keenville.

36, NW NE SW. Crest Oil Co., Inc. #1 Lowell M. Johnson. Spd. 10-10-77. Comp. 10-20-77. TD 3788'. D&A. Ullin, top 3770' (approx.). Keenville East.

1S, 6E

Irr. 1, 330'NL, 330'WL, NE SE. David Allison #1 Eikleberry. Spd. 10-16-77. Comp. 10-23-77. TD 3300'. D&A. St. Louis, top 3290' (approx.). Johnsonville Consol.

Irr. 12, 330'NL, 330'EL, SE NW. David Allison #1 C. & C. Lowe. Abd. loc. Johnsonville Consol.

Irr. 12, 330'NL, 330'WL, SE NW. David Allison #2 C. & C. Lowe. Abd. loc. Johnsonville Consol.

14, 330'SL, 380'WL, NW NE. Fletcher F. Farrar #3 Paul White. Spd. 9-13-77. Comp. 11-8-77. TD 3818'. IP 75 BOP/35 BW. Salem, top 3579', acid. Johnsonville South.

22, SE SW NE. Booth Oil Co., Inc. #1 Gregory. Spd- 9-5-77. Comp. 10-17-77. TD 3834'. IP 42 BOP. Salem, top 3579', acid. Johnsonville Consol.

26, NW SW NE. J & H Oil Co. #1-A Claudie Ralston. Spd. 8-14-77. Comp. 9-20-77. TD 3970'. IP 25 BOP. Ohara, top 3150', acid. Clay City Consol.

26, NW NE NE. J & H Oil Co. #3 Ralston. Spd. 10-21-77. Comp. 10-26-77. TD 3292'. D&A. St. Louis, top 3285' (approx.). Clay City Consol.

2S, 8E

36, SE NE SE. Jerry E. Friend #3 Laws. Spd. 8-5-76. Comp. 11-1-77. TD 3430'. IP 70 BOP. McClosky, top 3421', mca. Barnhill.

3S, 5E

6, SE SE SW. Booth Oil Co., Inc. #1 Sanders. Spd. 10-8-77. Comp. 10-19-77. TD 3860'. D&A. Salem, top 3528'. WN - Markham City.

3S, 6E

7, NE NW SE. Comanche Oil Corp. #1 Meyers. Spd. 9-29-77. Comp. 10-31-77. TD 4192'. IP 60 BOP/0 BW. Ullin, top 4181', acid. Mayberry.

WAYNE COUNTY (continued)

3S, 6E

7, SE SW NE. Comanche Oil Corp. #3 Parker. Spd. 8-17-77. Comp. 10-24-77. TD 4175'. IP 50 BOP/10 BW. Salem, top 3760', acid. Mayberry.

WHITE COUNTY

4S, 8E

29, NW NE SW. Perry Fulk #1 Foley et al. Comm. Spd. 8-25-77. Comp. 11-8-77. TD 4310'. IP 120 BOP. Aux Vases, top 3370', frac. Springerton South.

31, NE SE SE. Perry Fulk #1 Valeta Stahl. Spd. 10-12-77. Comp. 10-21-77. TD 3510'. D&A. McClosky, top 3469' (approx.). WN - Springerton South.

33, NE NW SW. Donald E. Brown, Sr. #2 J. T. Lawrence. Spd. 10-22-77. Comp. 10-29-77. TD 3366'. D&A. Aux Vases, top 3348' (approx.). Springerton South.

34, NE NW SW. RK Petroleum Corp. #3 Continental Bank. Spd. 10-8-77. Comp. 11-8-77. TD 3339'. IP 70 BOP. Aux Vases, top 3329', acid and frac. Springerton South.

34, NE NE SW. RK Petroleum Corp. #5 Continental Bank. Spd. 9-20-77. Comp. 11-8-77. TD 3396'. IP 35 BOP/100 BW. Aux Vases, top 3335', frac. Springerton South.

4S, 14W

Irr. 7, 990'NL, 1650'EL, NE. William R. & Phyllis Becker #1 Bond Heirs. Spd. 9-24-77. Comp. 10-1-77. TD 3330'. D&A. Ste. Genevieve, top 3149'. Phillipstown Consol.

WILLIAMSON COUNTY

8S, 2E

5, 330'NL, 175'EL, NW SW. C. E. Brehm Drlg. & Prod. #1 Freeman. Spd. 9-20-77. Comp. 9-26-77. TD 2700'. D&A. Ste. Genevieve, top 2580' (approx.). WN - Freemanspur.

8S, 4E

27, NE NW NE. C. E. Brehm Drlg. & Prod. #1 Snodsmith. Spd. 7-30-77. Comp. 8-6-77. TD 3040'. D&A. Ste. Genevieve, top 2910' (approx.). WN - Corinth East.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH NOVEMBER 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLAY COUNTY

9-2N-8E, NW NW SW. Union Oil of Calif. #1 Wm. E. Staley, formerly Pure Oil Co. 3701'. 10-24-77. Clay City Consol.

10-3N-7E, NW NW SW, W. C. McBride, Inc. #1 Willis DeHart. 2612'. 10-14-77. Sailor Springs Consol.

CLINTON COUNTY

2-1N-1W, 330'NL, 363'EL, NW NE SE. Shell Oil Co. #107-W Centralia Unit WF, formerly Felmont Corp. #6 L. Schmitz. 1206'. 9-7-77. (Water input, formerly a producer.) Centralia.

12-1N-1W, 687'NL, 1038'WL, NW. Shell Oil Co., Inc. #12-A R. Buehler. 1212'. 9-7-77. Centralia.

12-1N-1W, 632'NL, 1119'WL, NW. Shell Oil Co., Inc. #7 R. Buehler. 1363'. 9-8-77. Centralia.

CUMBERLAND COUNTY

24-10N-10E, 330'NL, 345'WL, SW NW. C. A. Petry & Son (# unknown) Lacey. 182'. 8-5-77. (Unidentified with Survey records.) Siggins.

FAYETTE COUNTY

8-7N-3E, SW SW SE. Carter Oil Co. #3 A. Miller. 1530'. 10-21-77. (Water input, formerly a producer.) Louden.

9-7N-3E, SW SW NW. Carter Oil Co. #1 John Durbin (Sanford Unit #14). 1571'. 10-19-77. (Water input, formerly a producer.) Louden.

17-7N-3E, SW NW NE. Carter Oil Co. #2 Bennie Shaw. 1618'. 10-21-77. (Water input, formerly a producer.) Louden.

12-8N-3E, SE SW NW. Carter Oil Co. #2 J. Allsop. 1463'. 10-21-77. Louden.

1-8N-3E, NE SE SW. Carter Oil Co. #2 Julia Richards. 1513'. 10-14-77. Louden.

GALLATIN COUNTY

4-8S-8E, NE SW NW. Carter Oil Co. #1 Luther Rister. 1957'. 9-29-77. Omaha.

LAWRENCE COUNTY

5-3N-12W, 1280'NL, 1100'EL, NE. Ohio Oil Co. #20 James Lewis a/c 1. 1000'. 7-05-77. Lawrence.

8-3N-12W, 50'SL, 900'WL, NE. Ohio Oil Co. #45 S. Booe. 934'. 8-19-77. Lawrence.

30-4N-12W, 580'SL, 166'EL, SW SE. Pemberton Oil & Gas Co. #18 Pemberton. 1015'. 8-04-77. Lawrence.

30-4N-12W, 1072'SL, 695'EL, SE. Ohio Oil Co. #4 L. D. Sutton. 1029'. 8-22-77. Lawrence.

30-4N-12W, 90'SL, 155'EL, SE. Ohio Oil Co. #6 L. D. Sutton. 1048'. 9-8-77. Lawrence.

30-4N-12W, 330'NL, 672'EL, SE SE. Ohio Oil Co. #17 L. D. Sutton. 1387'. 8-2-77. Lawrence.

WABASH COUNTY

2-1N-12W, SE SE NE. Walter H. Collins #1 Kogan. 2046'. 10-12-77. Allendale.

WAYNE COUNTY

10-1N-8E, NW NW SW. Booth Oil Co., Inc. #1 Taylor. 3773'. 10-27-77. Clay City Consol.

34-2N-7E, 2303'NL, 330'EL, NE. Pure Oil Co. #A-1 Carman Consol. 3127'. 10-24-77. Clay City Consol.

34-2N-7E, NE SE NE. Pure Oil Co. #A-2 Carman Consol. 3000'. 9-23-77. (Water input, formerly a producer.) Clay City Consol.

34-2N-7E, NE NW NE. Pure Oil Co. #B-2 Carman Consol. 2995'. 9-30-77. Clay City Consol.

34-2N-7E, SE NE NE. Pure Oil Co. #B-1 Flexter Consol. 3000'. 10-8-77. Clay City Consol.

34-2N-7E, NE NE NE. Pure Oil Co. #B-2 Flexter Consol. 2990'. 9-22-77. (Water input, formerly a producer.) Clay City Consol.

34-2N-7E, NW NE NE. Pure Oil Co. #B-3 Flexter Consol. 2992'. 10-20-77. Clay City Consol.

34-2N-7E, SW NE NE. Pure Oil Co. #B-4 Flexter Consol. 2998'. 9-27-77. (Water input, formerly a producer.) Clay City Consol.

34-2N-7E, 2300'NL, 2298'EL, NE. Pure Oil Co. #3 Parmelia Plew. 3000'. 9-23-77. (Water input, formerly a producer.) Clay City Consol.

35-2N-7E, 2301'NL, 330'WL, NW. Pure Oil Co. #A-3 Flexter Consol. 2990'. 9-28-77. (Water input, formerly a producer.) Clay City Consol.

35-2N-7E, NW SW NW. Union Oil Co. #A-4 Flexter Consol. (Jordan School Unit), formerly Pure Oil Co. 2990'. 10-6-77. (Water input, formerly a producer.) Clay City Consol.

35-2N-7E, 2335'SL, 1651'WL, SW. Pure Oil Co. #1 Hearn Consol. 2980'. 10-13-77. Clay City Consol.

35-2N-7E, 2328'SL, 330'WL, SW. Pure Oil Co. #2 George Hearn. 2965'. 10-25-77. Clay City Consol.

35-2N-7E, 2336'SL, 991'WL, SW. Pure Oil Co. #3 George Hearn. 2985'. 10-17-77. (Water input, formerly a producer.) Clay City Consol.

35-2N-7E, 1651'SL, 330'WL, SW. Pure Oil Co. #4 George Hearn. 2975'. 10-22-77. (Water input, formerly a producer.) Clay City Consol.

36-2N-8E, SE NE NE. Partlow & Cochonour #2 Shannon. 3052'. 10-19-77. Clay City Consol.

WHITE COUNTY

24-5S-10E, NE SW SW. National Assoc. Petro. Co. #1 Emma Sell. 3065'. 10-24-77. Maunie North Consol.

13-6S-8E, 365'SL, 365'WL, SE SW. Oil Investors, Inc. #1-A Gentry-Lowery. 3009'. 10-11-77. Roland Consol.

29-6S-10E, 660'SL, 350'EL, NE. C. E. Brehm Drlg. & Prod. #1 Concord Comm. 3950'. 10-13-77. Concord Consol.

29-6S-10E, 720'SL, 157'EL, NE. C. E. Brehm #1 George York Comm. et al. 3054'. 10-15-77. Concord Consol.

2-7S-9E, SW NW NE. C. E. Brehm Drlg. & Prod. #1 Evans. 4100'. 10-8-77. Herald Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet. 99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet. 101.	Underground Storage of Natural Gas in Illinois—1973 (1974).
Ill. Pet. 102.	Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
Ill. Pet. 104.	Underground Storage of Natural Gas (1975).
Ill. Pet. 105.	Structure Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet. 106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet. 109.	Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet. 110.	Petroleum Industry in Illinois in 1975 (1976).
Circ. 458.	Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Circ. 470.	Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Circ. 482.	The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.	Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
EGN 62.	Energy Supply Problems for the 1970s and Beyond (May 1973).
	Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned
Acid — Acid treatment
BOF — Barrels of oil flowing
BOP — Barrels of oil on pump
BW — Barrels of water
C — Center
Comp. — Completed
Consol. — Consolidated
COTD — Clean-out total depth
Csg. — Casing
D & A — Dry and abandoned
Dol. — Dolomite
DTD — Drilled deeper total depth
E/2 — East $\frac{1}{2}$
EL — From the east line
Est. — Estimated
Ext. — Extension(s)
Fm. — Formation
Fr. — Fractional
Frac. — Hydraulic fracture treatment
IP — Initial production
L — Line
Loc. — Location
Ls. — Limestone
N/2 — North $\frac{1}{2}$
Nat. — Natural, no treatment
NE — Northeast $\frac{1}{4}$
NL — From the north line
NW — Northwest $\frac{1}{4}$
OTD — Old total depth
OWDD — Old well drilled deeper
OWWO — Old well worked over
PB — Plugged back
PBTD — Plugged-back total depth
R — Range
S/2 — South $\frac{1}{2}$
SE — Southeast $\frac{1}{4}$
SG — Show of gas
Sh. — Shale
SIGW — Shut-in gas well
SL — From the south line
SO — Show of oil
Spd. — Spudded
Ss. — Sandstone
SSO — Slight show of oil
SW — Southwest $\frac{1}{4}$
Swb. — Swabbing
SWD — Salt water disposal well
T — Township
TD — Total depth
Temp. abd. — Temporarily abandoned
W/2 — West $\frac{1}{2}$
WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
WL — From the west line
WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)

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State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING IN ILLINOIS

Jacob Van Den Berg

No. 494 December 1977
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DISCOVERIES

New Fields

SPRING GARDEN. Jefferson County, 12-4S-3E, McClosky at 3077'. Discovery well, C. E. Brehm Drlg. & Prod. #1 Bernard-Hughes, IP 100 BOF.

New Pay Zones in Fields

AMITY. Richland County, 16-4N-14W, Aux Vases at 3052'. Discovery well, Rector & Stone Drlg. Co. #1 Rennier Comm. (OWDD, was D&A), IP 4 BOP, 10 BW from Aux Vases and McClosky.

BROUGHTON. Hamilton County, 27-6S-7E, Ullin at 4180'. Discovery well, Duke Resources Corp. #1 Bonan, IP 580 BOP.

HALF MOON. Wayne County, 35-1S-9E, Salem at 3981'. Discovery well, Karen S. Revelle #1 L. Sams (OWDD, was D&A), IP 5 BOP, 5 BW.

Extensions to Fields

AMITY. Richland County, 16-4N-14W, Aux Vases at 3052' and McClosky at 3145'. Discovery well, Rector & Stone Drlg. Co. #1 Rennier Comm. (OWDD, was D&A), IP 4 BO, 10 BW.

LOUDEN. Effingham County, 29-9N-4E, Devonian at 3137'. Discovery well, Shelby A. & Sylvia Britton #1 McKay, IP 1 BOP.

MAYBERRY. Wayne County, 29-2S-6E, Ullin at 4154'. Discovery well, Ill. Mid-Continent Co. & Dee Drlg. Co. #1 Sherwood Land Co., IP 10 BOP, 30 BW.

ILLINOIS STATE
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TABLE I

New Pools Discovered from January 1977 through December 1977

Pool:	County	Twp.	Rng.
January 1977			
None			
February			
None			
March			
None			
April			
None			
May			
None			
June			
None			
July			
None			
August			
None			
September			
Cooperstown (gas)	Brown County	1S	2W
October			
None			
November			
Holliday	Fayette County	9N	3E
Illiopolis	Sangamon County	16N	2W
December			
Spring Garden	Jefferson County	4S	3E

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

	Producing Oil Wells (Gas in Parentheses)					New Dry Holes				Production in Thousands of Barrels
	Field Wells	Discoveries Field	Discoveries Ext.	Newly Drilled Holes	Reworked Dry Holes	Field Wells	Wildcat Near	Wildcat Far	Total New Tests	
1976										
Jan.	54	1	2	53	4	28	4	3	88	2,254
Feb.	47(6)	1	0	48(6)	0	19	7	4	84	1,906
Mar.	40(1)	0	1	39(1)	2	16	6	6	68	2,251
Apr.	46	0	3	42	7	20	10	6	78	2,261
May	69	0	0	67	2	26	3	4	100	2,122
June	104(1)	2	0	103(1)	3	57	22	22	205	2,192
July	36	0	0	36	0	17	4	1	58	2,170
Aug.	47	1	3	48	3	30	4	10	92	2,259
Sept.	93(1)	0	0	87(1)	6	34	9	7	138	2,212
Oct.	60(1)	0	3	61(1)	2	23	6	3	94	2,185
Nov.	54(1)	2	2	57(1)	1	22	7	4	91	2,222
Dec.	90	0	5	80	15	57	15	9	161	2,238
	740(11)	7	19	721(11)	45	349	97	79	1,257	26,272
1977										
Jan.	41(1)	0	0	37	4(1)	16	2	3	58	1,719
Feb.	33	0	1	34	0	8	3	1	46	1,936
Mar.	48(1)	0	1	42(1)	7	17	6	3	69	2,309
Apr.	50(1)	0	1	46(1)	5	11	3	5	66	2,206
May	59(1)	0	0	54(1)	5	21	10	0	86	2,274
June	58(3)	0	1	54(3)	5	32	12	7	108	2,214
July	40(1)	0	1(2)	39(3)	2	26	13	3	84	2,180
Aug.	30(3)	0	1(1)	29(4)	2	22	3	2	60	2,238
Sept.	68	0(1)	1(1)	64(1)	5(1)	30	6	2	103	2,190
Oct.	53	0	2	46	9	36	9	5	96	2,176
Nov.	62(1)	2	1	62(1)	3	28	12	5	108	2,105
Dec.	85(3)	1	3	79(3)	10	48	12	10	152	2,175
	627(15)	3(1)	13(4)	586(18)	57(2)	295	91	46	1,036	25,722

Tests are considered field wells if located less than ½-mile from producing well. Near wildcats are drilled ½ to 1½ miles from production and if successful are usually called extensions. Far wildcats, over 1½ miles from production, ususally discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through October 1977 are from reports received directly from crude gathering companies. The figures for November and December 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, December 1977

County	Permits to Drill°	Total Comp.	Production Tests: New Holes Prod.	Production Tests: New Holes D&A	Production Tests: OWWO D&A to Prod.	Service Wells: New	Service Wells: Conversions Were Prod.	Service Wells: Conversions Others	Structure Tests
Bond	1	4	1	2	1	-	-	-	-
Brown	1	-	-	-	-	-	-	-	-
Christian	-	11	-	-	-	-	10	1	-
Clark	1	6	2	3	-	1	-	-	-
Clay	7	1	-	1	-	-	-	-	-
Clinton	1	1	1	-	-	-	-	-	-
Coles	-	3	1	1	1	-	-	-	-
Crawford	14	22	13	2	-	4	3	-	-
Cumberland	1	-	-	-	-	-	-	-	-
DeWitt	-	1	-	1	-	-	-	-	-
Edgar	-	2	2*	-	-	-	-	-	-
Edwards	3	14	7	6	-	-	-	1	-
Effingham	4	7	5	2	-	-	-	-	-
Fayette	4	3	2**	-	-	-	1	-	-
Franklin	3	10	4	-	2	4	-	-	-
Gallatin	-	5	1	3	1	-	-	-	-
Greene	-	1	-	1	-	-	-	-	-
Hamilton	4	5	3	2	-	-	-	-	-
Jasper	2	1	1	-	-	-	-	-	-
Jefferson	5	6	3	2	-	-	1	-	-
Lawrence	4	7	2	1	-	4	-	-	-
Madison	1	2	-	2	-	-	-	-	-
Marion	2	5	2	2	-	-	-	1	-
Pope	-	1	-	1	-	-	-	-	-
Randolph	-	3	1	1	1	-	-	-	-
Richland	2	5	1	1	1	-	2	-	-
St. Clair	1	1	-	-	-	-	-	1	-
Saline	-	1	-	1	-	-	-	-	-
Sangamon	2	2	-	1	-	1	-	-	-
Tazewell	-	1	-	1	-	-	-	-	-
Wabash	12	16	5	11	-	-	-	-	-
Washington	1	1	-	1	-	-	-	-	-
Wayne	23	28	14	10	3	-	1	-	-
White	19	23	11	10	-	-	-	2	-
Williamson	-	1	-	1	-	-	-	-	-
	118	200	82	70	10	14	18	6	-

*Gas wells
**Includes 1 gas well

°Issued by Department of Mines and Minerals, Springfield, Illinois, December 1, 1977 through December 31, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, December 1977

County	Permits to drill*	Total Comp.	Injection & Withdrawal New Wells	Injection & Withdrawal Conversions	Service Wells New Wells	Service Wells Conversions
Bond	-	2	1	-	1	-
Champaign	2	2	2	-	-	-
Fayette	-	1	-	-	-	1
Livingston	-	6	6	-	-	-
McLean	-	19	19	-	-	-
	2	30	28	-	1	1

In addition to the above, 3 structure tests in connection with natural gas storage were drilled.

*Issued by Department of Mines and Minerals, Springfield, Illinois, December 1, 1977 through December 31, 1977.

* * * * * * * * * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price $1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at $1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for $1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

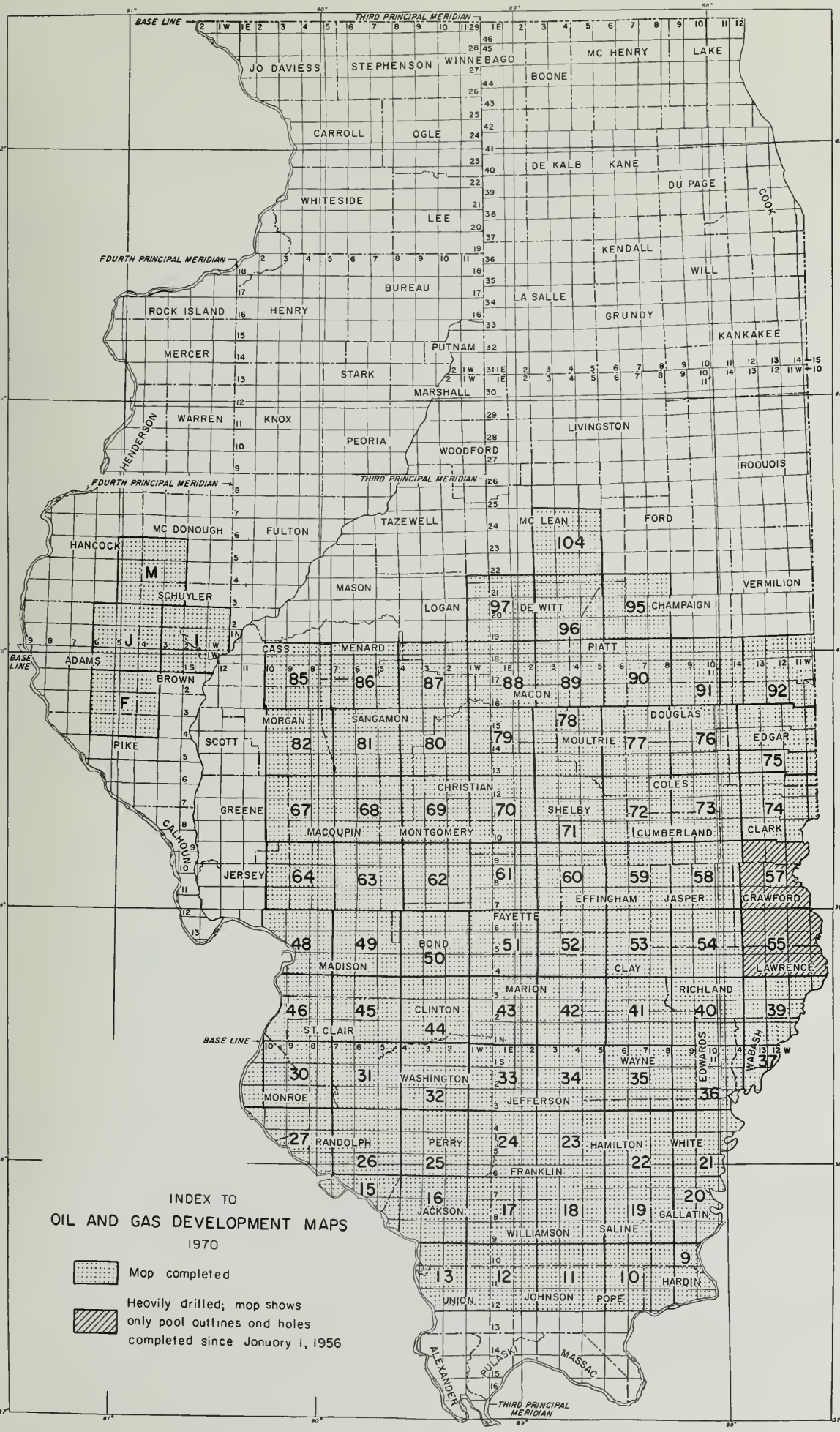
OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.
410 East University Avenue
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company
Box 436
Mattoon, IL 61938 (phone 217-235-0311)


BASE LINE
THIRD PRINCIPAL MERIDIAN
FOURTH PRINCIPAL MERIDIAN
JO DAVIESS
STEPHENSON
WINNEBAGO
MC HENRY
LAKE
BOONE
CARROLL
OGLE
DE KALB
KANE
DU PAGE
COOK
WHITESIDE
LEE
KENDALL
WILL
BUREAU
LA SALLE
ROCK ISLAND
HENRY
GRUNDY
KANKAKEE
MERCER
PUTNAM
STARK
MARSHALL
WARREN
KNOX
HENDERSON
PEORIA
WOODFORD
LIVINGSTON
IROQUOIS
TAZEWELL
MC LEAN
FORD
MC DONOUGH
FULTON
HANCOCK
SCHUYLER
MASON
LOGAN
DE WITT
CHAMPAIGN
VERMILION
ADAMS
CASS
MENARD
PIATT
BROWN
MACON
MORGAN
SANGAMON
DOUGLAS
PIKE
SCOTT
MOULTRIE
EDGAR
CHRISTIAN
COLES
GREENE
SHELBY
CLARK
MACOUPIN
MONTGOMERY
CUMBERLAND
CALHOUN
JERSEY
EFFINGHAM
JASPER
CRAWFORD
FAYETTE
BOND
MADISON
CLAY
LAWRENCE
MARION
RICHLAND
CLINTON
ST. CLAIR
WAYNE
EDWARDS
WABASH
WASHINGTON
MONROE
JEFFERSON
RANDOLPH
PERRY
HAMILTON
WHITE
FRANKLIN
JACKSON
GALLATIN
WILLIAMSON
SALINE
HARDIN
UNION
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POPE
ALEXANDER
PULASKI
MASSAC
THIRD PRINCIPAL MERIDIAN
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OIL AND GAS DEVELOPMENT MAPS
1970
Map completed
Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELLS COMPLETED FROM NOVEMBER 26, 1977 TO DECEMBER 30, 1977

Abbreviations used are listed on the inside back cover. A field well is less than ½ mile, a wildcat near (WN) is ½ to 1½ miles, a wildcat far (WF) is more than 1½ miles from production.

BOND COUNTY

4N, 2W

32, SW SW SW. Dolphin Operating Co., Inc. #1 Dixon. Conversion. Was Bethel producer. Comp. 11-7-77. COTD 1057'. 1 MMCFG/day. Cypress, top 1029'. Beaver Creek South.

4N, 3W

24, 330'NL, 3000'EL, Sec. Laclede Pipeline Co. #1 (24-7) St. Louis Joint Stock Land Bank. OWWO. Was Eason Oil Co. #1 St. Louis Joint Land Bank. Was junked hole. OTD 1340'. Comp. 5-9-39. Recomp. 11-30-73 (est.). COTD 890'. Junked hole. Beaver Creek North.

27, NE SW NE. DePoister Drilling Co. #1 Zobrist. Spd. 12-4-77. Comp. 12-17-77. TD 1117'. D&A. Benoist, top 1095' (approx.). WF.

4N, 4W

1, SW SE SE. Dolphin Operating Co., Inc. #1 Goldie Neumann. OWWO. Was Haines & Jackson #1 Hunter. Was D&A. OTD 1501'. Comp. 3-4-41. Recomp. 2-19-73. COTD 1120'. SIGW. Cypress, top 950'. Stubblefield South.

12, 562'NL, 98'WL, SE NE. Dolphin Operating Co., Inc. #1 McCasland. Spd. 3-12-73. Comp. 3-21-73. TD 965'. Shut in gas storage well. Cypress, top 910'. Stubblefield South.

12, SW NW SE. Laclede Pipeline #1 C. Weiss. Spd. 6-26-73. Comp. 7-20-73 (est.). TD 935'. Gas storage observation. Cypress, top 898'. Stubblefield South.

12, SW SW NW. Dolphin Operating Co., Inc. #1 Weiss, McCasland & Neumann Unit. Spd. 4-11-77. Comp. 6-11-77. TD 2220'. IP 50 BOP. Devonian, top 2204', nat. Stubblefield South.

14, NW NE NE. W. T. Frederking #1 Simmons-Rogier Communitized. Spd. 11-26-77. Comp. 11-30-77. TD 2243'. D&A. Devonian, top 2195'. WN-Stubblefield South.

CHAMPAIGN COUNTY

21N, 7E

28, 56'SL, 66'EL, SE NW SW. Peoples Gas Light & Coke Co. #2 Turner. Spd. 10-4-75. Comp. 4-1-76. TD 4324'. Gas injection/withdrawal. Mt. Simon, top 4006'. Manlove Gas Storage Field.

22N, 8E

30, 60'SL, 88'EL, SE SE SW. Peoples Gas Light & Coke Co. #1 W. Provine. Spd. 7-28-75. Comp. 10-22-75. TD 4395'. Gas injection/withdrawal. Mt. Simon, top 4076'. Manlove Gas Storage Field.

CHRISTIAN COUNTY

13N, 3W

9, SW SE SE. Joe Simpkins Oil Developments #5 Blackstock C. Conversion. Was Louis Nonneman #5-C Blackstock. Was Devonian producer. Comp. 11-2-76. COTD 1822'. Water input. Devonian, top 1807'. Kincaid Consol.

9, SW NE SE. Joe Simpkins Oil Developments #9 Blackstock C. Conversion. Was Louis Nonneman #9 Blackstock "C". Was Devonian producer. Comp. 10-31-76. COTD 1823'. Water input. Devonian, top 1808'. Kincaid Consol.

10, 380'NL, 330'WL, SW. Joe Simpkins Oil Developments #5 Kincaid Land A. Conversion. Was Joe Simpkins #5-A Kincaid Land Co. Was D&A in Burlington-Keokuck. Deepened to Devonian dry hole. Temp. abd. Comp. 4-30-77. COTD 1835'. Water input. Devonian, top 1825'. Kincaid Consol.

10, SW SW SW. Joe Simpkins Oil Developments #1 Peabody. Conversion. Was Sentry Royalty Co. #1 Peabody Coal Co. Was Devonian producer. Comp. 4-30-77. COTD 1834'. Water input. Devonian, top 1820'. Kincaid Consol.

15, SW NW NW. Joe Simpkins Oil Developments #3 Blackstock A. Conversion. Was J. F. Hinkle #3 Blackstock. Was Devonian producer. Comp. 10-5-76. COTD 1826'. Water input. Devonian, top 1811'. Kincaid Consol.

15, SW SW NW. Joe Simpkins Oil Developments #7 Messersmith. Conversion. Was L. A. McElmurray #7 Messersmith-Peabody Coal Co. Was Devonian producer. Comp. 5-1-77. COTD 1888'. Water input. Devonian, top 1808'. Kincaid Consol.

16, SW NE NE. Joe Simpkins Oil Developments #3 Blackstock B. Conversion. Was Louis Nonneman #3B Blackstock Estate. Was Devonian producer. Comp. 11-2-76. COTD 1827'. Water input. Devonian, top 1811'. Kincaid Consol.

16, SW NW NE. Joe Simpkins Oil Developments #2 Blackstock C. Conversion. Was Louis Nonneman #2C Blackstock. Was Devonian producer. Comp. 5-4-77. COTD 1829'. Water input. Devonian, top 1810'. Kincaid Consol.

16, SW SW NE. Joe Simpkins Oil Developments #4 Blackstock "S". Conversion. Was M. R. Rhoads #4D Blackstock. Was Devonian producer. Comp. 5-4-77. COTD 1850'. Water input. Devonian, top 1834'. Kincaid Consol.

16, SW SE NE. Joe Simpkins Oil Developments #5 Messersmith. Conversion. Was L. A. McElmurray #5 Messersmith-Peabody Coal Co. Was Devonian producer. Comp. 5-12-77. COTD 1826'. Water input. Devonian, top 1818'. Kincaid Consol.

15N, 1W

11, NE SE SW. Comanche Oil Corp. #1 Dipper. Conversion. Was Lewis H. Foster #1 Don Dipper. Was Silurian producer. Comp. 8-75. COTD 1923'. SWD. Silurian, top 1898'. Mt. Auburn Consol.

CLARK COUNTY

9N, 11W

10, NW NW SE. Oilfield Research, Inc. #1 Irma Manhart. Spd. 12-2-77. Comp. 12-16-77. TD 2500'. D&A. Devonian, top 2430' (approx.). WF.

9N, 14W

26, 330'NL, 963'WL, NE SW. Steven Tomko #T-5 Ritter. Spd. 11-9-77. Comp. 12-20-77. TD 950'. IP 6 BOP. Partlow, top 659'. Johnson South.

10N, 14W

36, 390'NL, 330'EL, SW SW. Ronald E. Morris #1 Virgil Jones. Spd. 10-30-77. Comp. 11-11-77. TD 2932'. D&A. Trenton, top 2772'. Johnson North.

11N, 14W

4, SE NE SW. Jack H. Mankin #12 Belva Turner. Spd. 8-15-77. Comp. 11-2-77. TD 390'. Oil producer, IP not available. Pennsylvanian, top 325', shot. Westfield.

21, 540'NL, 330'WL, NW. Glen Hawkins #2 Glen Hawkins. Spd. 10-29-77. Comp. 12-13-77. TD 270'. D&A. Mansfield, top 264'. Westfield.

12N, 14W

32, C SW SE. John H. Ryan #B-1 Endsley. Spd. 11-1-77. Comp. 11-19-77. TD 386'. Water input. Westfield, top 332'. Westfield.

CLAY COUNTY

2N, 7E

15, NE NW NE. Booth Oil Co., Inc. #2-A C. Bayler. Spd. 7-19-75. Comp. 8-15-75. TD 3004'. D&A. Aux Vases, top 2984'. Clay City Consol.

2N, 8E

10, 330'NL, 380'WL, SW SW. James A. Gray #8 Routt. OWWO. Was Kenneth E. Beeman. Was plugged McClosky and St. Louis producer. OTD 3370'. Comp. 4-8-75. Recomp. 12-20-77. COTD 3370'. IP 30 BOP. McClosky, top 3070', mca. Clay City Consol.

17, NW NE SW. Union Oil Co. of California #A-4 L. E. Hosselton. Abd. loc. Clay City Consol.

4N, 5E

2, SW SE SE. "K" Oil, Inc. #1 Patrick. Abd. loc. Iola South.

4N, 7E

35, C N/2 NE NE. Woodrow Franklin #7 Kessler. Abd. loc. Sailor Springs Consol.

4N, 8E

Irr. 19, 330'NL, 330'EL, NW SE. James Keck #1 Coggan. OWWO. Was W. L. Lichlyter #1 Coggan Hrs. Was D&A. OTD 3089'. Comp. 9-10-46. Recomp. 12-16-77. COTD 46'. Junked hole. Sailor Springs North.

CLAY COUNTY (continued)

5N, 6E

1, NE NE SE. Warren W. Webster #1 Howard Heiden. OWWO. Was Coy Oil. Was Aux Vases and Spar Mountain producer. OTD 2836'. Comp. 3-15-61. Recomp. 11-22-77. COTD 2700'. D&A. Junked hole. Sailor Springs Consol.

CLINTON COUNTY

1N, 2W

8, NE SW NW. Edward J. Klockenkemper #1 Charles Johnpeter. OWWO. Was R. D. Ernest #A-1 Charles Johnpeter. Was plugged Cypress producer. OTD 1143'. Comp. 2-11-71. Recomp. 2-2-77. COTD 1155'. IP 5 BOP/0 BW. Cypress, top 1114'. Posey.

2N, 3W

10, 390'NL, 570'EL, NW NE. Leland Monken #2 Hempen et al. Spd. 9-26-77. Comp. 12-20-77. TD 1050'. IP 30 BOP/15 BW. Cypress, top 1029'. Carlyle.

COLES COUNTY

11N, 7E

2, 330'NL, 430'WL, NW. Harry J. Adams #2-O E. Ganley. Spd. 6-16-77. Comp. 6-25-77. TD 2260'. IP 5 BOP/200 BW. Aux Vases, top 1900'; McClosky, top 2011'; Salem, top 2230', nat. Mattoon.

12N, 7E

Irr. 2, 990'SL, 330'WL, SE. James R. Covington #6-C Oliver. OWWO. Was Harry Adams #1 Oliver. Was D&A. OTD 1933'. Comp. 7-11-59. Recomp. 8-19-77. COTD 1934'. IP 50 BOP/30 BW. Cypress, top 1742', frac. Mattoon.

26, SE SW NW. Energy Producers, Inc. #2 Jeffries. Spd. 10-18-77. Comp. 11-15-77. TD 2000'. Temp. abd. McClosky, top not available. Mattoon.

CRAWFORD COUNTY

5N, 12W

6, 430'SL, 330'WL, NE SE. B. W. Bell #1-A O. Simmons. Spd. 11-4-77. Comp. 11-8-77. TD 1100'. Junked hole. Main Consol.

5N, 13W

2, 380'NL, 330'EL, SE. Energy Resources of Indiana, Inc. #1A Richart Heirs. Spd. 2-14-77. Comp. 3-5-77 (est.). TD 1325'. SIGW. Basal Pennsylvanian, top 1244'. Main Consol. (This well was erroneously run as an old well in the November 1977 Drilling Report.)

6N, 13W

22, NW NW NE. Marathon Oil Co. #GG-13 Wakefield-Martin Comm. M-1. Conversion. Was Robinson sand producer. Comp. 2-20-76. COTD 932'. Water input. Robinson, top 898'. Main Consol.

7N, 12W

10, 447'NL, 450'WL, NE. Mason Oil Co. #4 Charles N. Newlin. Spd. 2-11-77. Comp. 5-3-77. TD 1150'. IP 12 BOP/80 BW. Robinson, top 1034' (est.), frac. Main Consol.

CRAWFORD COUNTY (continued)

7N, 12W

10, 894'NL, 896'WL, NE. Mason Oil Co. #W-8 Charles N. Newlin. Spd. 2-7-77. Comp. 5-3-77. TD 1450'. Water input. Robinson, top 1011'. Main Consol.

10, NE SW NW. Mason Oil Co. #14 Floyd R. & Norma I. Osborn. Spd. 7-8-77. Comp. 7-14-77. TD 1100'. IP 25 BOP/55 BW. Robinson, top 1024', frac. Main Consol.

10, C SW NW. Mason Oil Co. #16W Floyd R. & Norma I. Osborn. Spd. 5-4-77. Comp. 5-11-77. TD 1100'. Water input. Robinson, top 1035' (est.). Main Consol.

11, C W/2 NW NW. Mason Oil Co. #1-A Claude Correll. Conversion. Was Robinson sand producer. Comp. 8-1-77. TD 1069'. Water input. Robinson, top 1004'. Main Consol.

Irr. 17, 5'NL, 660'WL, NE NW. Mason Oil Co. #W-1 Price. Spd. 4-17-77. Comp. 7-1-77. TD 1150'. Water input. Robinson, top 1035' (est.). Main Consol.

Irr. 17, 990'NL, 330'WL, NE NW. Mason Oil Co. #1 Donald S. & Marilyn S. Price. Spd. 1-3-77. Comp. 7-1-77. TD 1150'. IP 4 BOP/100 BW. Robinson, top 1007', frac. Main Consol.

30, NE NE NW. Olin M. Weaver, Sr. #1-A Velma Cortelyou. OWDD. Was Robinson producer. OTD 1250'. Comp. 1-26-72. Recomp. 10-17-77. DTD 1452'. D&A. Aux Vases, top 1445'. Main Consol.

7N, 13W

10, C S/2 SE SW SW. J. C. Shumaker, Trustee #1 Wattleworth. Spd. 11-21-77. Comp. 12-2-77. TD 4400'. D&A. Trenton, top 4150' (approx.). Main Consol.

13, 440'NL, 663'WL, SE. Used Oil Field Equipment #W-1 R. L. Wilson, A/C 2. Spd. 4-25-75. Comp. 5-22-75. TD 1020'. Water input. Robinson, top 997'. Main Consol.

15, SE NE SE. Don W. Slater #8-W Grant Briggs. Conversion. Was Robinson sand producer. Comp. 11-10-75 (est.). COTD 1015'. Water input. Robinson, top 970'. Main Consol.

31, 330'NL, 644'EL, SE. IL Oil Investments, Inc. #1 Mallory-McCullough-Wood Lease. Spd. 2-2-77. Comp. 12-13-77. TD 4300'. IP 10 BOP/15 BW. Trenton, top 4173', acid and frac. Main Consol.

8N, 12W

32, SW NE SW. Bellair Oil Co. #4 Richards-Novosel. Spd. 3-10-77. Comp. 10-31-77. TD 1080'. IP 10 BOP/45 BW. Robinson, top 997'. Main Consol.

32, SW SW NE. Used Oilfield Equipment #1 Schutte-Biddle. Spd. 9-8-77. Comp. 11-10-77. TD 1066'. IP 4 BOP/65 BW. Robinson, top 1012', frac. Main Consol.

CRAWFORD COUNTY (continued)

8N, 12W

32, NW SW NE. Used Oilfield Equipment #2 Schutte-Biddle. Spd. 12-21-76. Comp. 11-3-77. TD 1080'. IP 4 BOP/35 BW. Robinson, top 1038', frac. Main Consol.

32, SE SW NE. Used Oilfield Equipment #3 Schutte-Biddle. Spd. not available. Comp. 10-7-77. TD 1080'. IP 3 BOP/125 BW. Robinson, top 1045', frac. Main Consol.

32, SE NE NW. Used Oil Field Equipment #5 Clarence Schutte. Spd. 11-23-76. Comp. 3-30-77. TD 1348'. IP 3 BOP/125 BW. Robinson, top 1007', frac. Main Consol.

32, NE NE NW. Used Oil Field Equipment #6 Clarence Schutte. Spd. 12-8-76. Comp. 7-15-77. TD 1072'. IP 3 BOP/125 BW. Robinson, top 1007', frac. Main Consol.

32, SW NE NW. Used Oil Field Equipment #7 Clarence Schutte. Spd. 11-9-76. Comp. 4-29-77. TD 1075'. IP 3 BOP/125 BW. Robinson, top 1015', frac. Main Consol.

32, NW NE NW. Used Oil Field Equipment #8 Clarence Schutte. Spd. 12-17-76. Comp. 7-8-77. TD 1080'. IP 3 BOP/125 BW. Robinson, top 1017', frac. Main Consol.

32, 297'SL, 330'WL, NW. Used Oilfield Equipment #9 Clarence L. Schutte. Spd. 1-5-77. Comp. 9-21-77. TD 1063'. IP 3 BOP/125 BW. Robinson, top 1006', frac. Main Consol.

CUMBERLAND COUNTY

10N, 10E

1, SW NW SE. Marathon Oil Co. 1P45 S. S. Yanaway. Abd. loc. Siggins.

DE WITT COUNTY

21N, 5E

30, SW SE SE. John Fawcett #1 Mona Kirby. Spd. 11-21-77. Comp. 11-23-77. TD 717'. D&A. Sonora, top 673'. WN - Parnell.

EDGAR COUNTY

12N, 14W

11, SE SW SE. Earnest Zink #1 Wheeler-Leming Comm. Spd. 11-7-77. Comp. 11-25-77 (est.). TD 465'. SIGW. Pennsylvanian, top 459'. Inclose.

14, SW NW NE. Earnest Zink #6 Wheeler. Spd. 9-26-77. Comp. 10-5-77. TD 450'. Gas well, IP not available. Pennsylvanian, top 435'. Inclose.

EDWARDS COUNTY

1N, 10E

8, NW NW NW. Energy Resources Corp. #1 E. Knackmuhs. Abd. loc. Maple Grove Consol.

EDWARDS COUNTY (continued)

1N, 10E

22, 370'SL, 330'EL, NW SW. Spartan Petroleum Co. #2 Harris Comm. Spd. 10-22-77. Comp. 11-29-77. TD 3320'. IP 20 BOP/2 BW. McClosky, top 3277', acid. Samsville West.

22, 330'SL, 430'WL, SE NE. Spartan Petroleum Co. #1 Maves Unit. Spd. 9-1-77. Comp. 10-24-77. TD 4150'. IP 20 BOP/5 BW. McClosky, top 3296', acid. Samsville West.

23, SW SW SW. Independent Oil Co. #1 Calvin King. Spd. 9-6-77. Comp. 11-18-77. TD 4200'. IP 75 BOP/15 BW. McClosky, top 3322', acid. Samsville West.

23, 330'SL, 550'WL, NW. Spartan Petroleum Co. #1 Robert Koertge. Spd. 8-20-77. Comp. 12-10-77. TD 4126'. IP 25 BOP/5 BW. McClosky, top 3264', frac.; Salem, top 3860', acid. Samsville West.

23, C W/2 NW SW. Spartan Petroleum Co. #1 Taylor Equipment Co. Spd. 10-19-77. Comp. 11-6-77. TD 4152'. D&A. Ullin, top 3870'. Samsville West.

1N, 14W

Irr. 6, 990'NL, 330'WL, NE SE. Viking Oil Co. #1 Clyde Hedrick. Spd. 9-23-77. Comp. 11-1-77 (est.). TD 4034'. IP 70 BOP/0 BW. Ohara, top 3084', acid. Parkersburg Consol.

1S, 10E

25, 345'SL, 330'EL, NE SE. Charles C. White #1 Delbert Bunting. Spd. 11-19-77. Comp. 11-28-77. TD 3246'. D&A. Ste. Genevieve, top 3131'. Albion Consol.

1S, 14W

4, NE NW SE. Louis A. Pessina #4 Russell Koertge. Spd. 11-9-77. Comp. 11-18-77. TD 3656'. D&A. Salem, top 3390' (approx.). Bone Gap East.

Irr. 30, 330'NL, 330'EL, NE. Ram Oil Co. #2 Hallie Flick. Spd. 10-5-77. Comp. 11-29-77. TD 3140'. IP 5 BOP. Spar Mountain, top 3088', acid. Bone Gap Consol.

2S, 10E

12, NW NW NE. Saber Oil Construction & Operating Co. #1 City of Albion Comm. Spd. 11-3-77. Comp. 12-4-77. TD 3190'. IP 48 BOP/0 BW. McClosky, top 3186', nat. Albion Consol.

31, SE NE NW. Robinson Production, Inc. #2 I. Woodham. OWWO. Conversion. Was Paco Petroleum Co. #2 I. Woodham. Was D&A. OTD 3341'. Comp. 6-3-52. Recomp. 10-15-77. COTD 3335'. Water input. Aux Vases, top 3188'; McClosky, top 3306'. Goldengate Consol.

32, NW NE NE. Ram Oil Co. #1 Noel Everett. Spd. 10-19-77. Comp. 10-29-77. TD 3340'. D&A. Ste. Genevieve, top 3254'. Goldengate Consol.

EDWARDS COUNTY (continued)

2S, 14W

28, NW NW SE. John M. Zanetis #4 Siegert-Fortney Comm. Spd. 10-29-77. Comp. 11-2-77. TD 2925'. D&A. Bethel, top 2865' (approx.). Albion East.

3S, 14W

17, 330'NL, 330'WL, SW. Ellis J. Shepard #1 Mable Toops. Spd. 11-19-77. Comp. 11-21-77. TD 2372'. D&A. Waltersburg, top 2340' (approx.). WN - Phillipstown Consol.

EFFINGHAM COUNTY

6N, 6E

16, NE SW NW. Leslie Mason #1-A Bushue. Spd. 11-23-77. Comp. 11-30-77. TD 2595'. D&A. Ste. Genevieve, top 2540' (approx.). Hill.

8N, 4E

Irr. 6, 330'NL, 330'WL, NE. Tri-Star Producing, Inc. #1 Durbin. Spd. 2-16-77. Comp. 12-13-77. TD 3160'. IP 1 BOP/lots of water. Devonian, top 3112', frac. Louden.

8, SW SW NW. Mid-Continent Energy Co., Inc. #1 Taphorn. Spd. 12-10-77. Comp. 12-24-77. TD 3210'. D&A. Devonian, top 3150' (approx.). WN - Louden.

9N, 4E

29, SW SE NW. Shelby A. & Sylvia Britton #1 McKay. Spd. 4-1-77. Comp. 12-13-77. TD 3242'. IP 1 BOP (est.). Devonian, top 3137', frac. EXTENSION TO LOUDEN FIELD.

30, 460'SL, 330'WL, SE SE. Tri-Star Producing Co., Inc. #1 Miller Comm. Spd. 10-21-77. Comp. 12-13-77. TD 3130'. IP 40 BOP. Devonian, top 3118'. Louden.

31, 430'SL, 330'WL, NW SE SE. Tri-Star Producing, Inc. #1 Hamilton Comm. Spd. 5-20-77. Comp. 12-13-77. TD 3196'. IP 3 BOP. Devonian, top 3124', frac. and mca. Louden.

31, 405'SL, 330'EL, SW SE NW. Tri-Star Prod. Co., Inc. #2 Ryan. Spd. 12-17-76. Comp. 12-13-77. TD 3127'. IP 10 BOP. Devonian, top 3104'. Louden.

FAYETTE COUNTY

7N, 3E

9, 330'NL, 380'EL, NW SW. W. L. Belden #6 B. F. Owen. Spd. 10-08-76. Comp. 10-28-77. TD 1768'. IP 6 BOP/45 BW. Bethel, top 1547', frac. Louden.

21, 825'NL, 165'WL, NE. M. L. Niemeyer #2 Tucker. Conversion. Was Luttrell & Holleman #2 Tucker. Was Cypress producer. Comp. 10-1-76 (est.). COTD 1537'. SWD. Cypress, top 1512'. Louden.

FAYETTE COUNTY (continued)

8N, 3E

1, SW NW NE. Exxon Corp. #4 A. W. St. Pierre. OWDD. Was Carter Oil Co. #4 A. W. St. Pierre. Was Cypress producer. OTD 1537'. Comp. 11-26-40. Recomp. 11-27-77. DTD 1664'. IP 7 BOP/185 BW. Cypress, top 1482'; Bethel, top not available; Benoist, top not available, frac. Louden.

16, 330'SL, 387'EL, NW NE. Natural Gas Pipeline Co. of Am. #1-D Clinton Miller. Conversion. Was Franks Petr. Exploration #1 Miller. Was Cypress and Benoist producer deepened to Devonian producer. OTD 3127'. Comp. 8-4-73. Recomp. 6-11-75. COTD 3127'. Gas storage observation. Devonian, top 3090'. Louden.

34, NW SW SE. M. L. Niemeyer #1 Delassus. Spd. 8-4-77. Comp. 8-9-77. TD 3280'. IP 379 MCFG/day. Devonian, top 3244', nat. Louden.

FRANKLIN COUNTY

5S, 3E

1, NW NW SW. C. E. Brehm Drlg. & Prod. #1 Clark. Spd. 12-11-76. Comp. 2-10-77 (est.). TD 3979'. IP 40 BOP/0 BW. Ullin, top 3972', nat. Ewing East.

1, SW NE SW. C. E. Brehm Drlg. & Prod. #1 Field. OWWO. OWDD. Was K. Bayer #1 T. W. Fields. Was D&A. OTD 3110'. Comp. 7-31-56. Recomp. 1-16-77. DTD 4013'. IP 60 BOF. Ullin, top 3946', nat. Ewing East.

2, 330'NL, 390'EL, SE SE. C. E. Brehm Drlg. & Prod. #1 Manis. OWWO. OWDD. Was K. M. Bayer #1 S. L. Manis. Was D&A. OTD 3119'. Comp. 7-3-56. Recomp. 3-1-77 (est.). DTD 3980'. IP 50 BOF. Ullin, top 3955'. Ewing East.

2, NW NE SE. C. E. Brehm Drlg. & Prod. #1 Stone. Spd. 1-8-77. Comp. 3-1-77 (est.). TD 3970'. IP 60 BOP. Ullin, top 3935', nat. Ewing East.

5S, 4E

16, NE NW NW. C. E. Brehm Drlg. & Prod. #2 Threlkeld. Spd. 1-6-77. Comp. 3-1-77. TD 3968'. IP 25 BOP/0 BW. Ullin, top 3940', nat. Taylor Hill.

6S, 1E

2, 440'NL, 1720'EL, NE. Fletcher F. Farrar #1 Burlington Northern-Greenwood. Spd. 9-16-77. Comp. 11-22-77. TD 4492'. IP 36 BOP. Devonian, top 4394', mca and acid. Sesser Consol.

6S, 2E

36, 1125'NL, 170'WL, NE. Shell Oil Co. #A Benton Maraflood Mini Test. Spd. 10-5-77. Comp. 10-12-77. TD 2201'. Observation well. Tar Springs, top 2105' (approx.). Benton.

FRANKLIN COUNTY (continued)

6S, 2E

36, 1125'NL, 225'WL, NE. Shell Oil Co. #B Benton Maraflood Mini Test. Spd. 10-14-77. Comp. 10-21-77. TD 2190'. Observation well. Tar Springs, top 2105' (approx.). Benton.

36, 1090'NL, 130'WL, NE. Shell Oil Co. #C Benton Maraflood Mini Test. Spd. 11-1-77. Comp. 11-6-77. TD 2200'. Observation well. Tar Springs, top 2105' (approx.). Benton.

36, 1177'NL, 120'WL, NE. Shell Oil Co. #D Benton Maraflood Mini Test. Spd. 10-23-77. Comp. 10-30-77. TD 2200'. Observation well. Tar Springs, top 2101' (approx.). Benton.

GALLATIN COUNTY

7S, 9E

23, 330'SL, 380'EL, SW NW. Absher Oil Co. #3 C. H. Boyd. OWWO. Was Red Bank Oil Co. #3 C. H. Boyd. Was D&A. OTD 2925'. Comp. 12-4-45. Recomp. 5-05-77. COTD 2900'. IP 2 BOP/30 BW. Tar Springs, top 2400'. Herald Consol.

24, SE NW NE. Joe A. Dull #1 Bayley. OWWO. Was Cities Service #4 J. Bayley. Aux Vases producer. OTD 2945'. Comp. 12-9-47. Recomp. 11-29-77. COTD 2945'. D&A. Aux Vases, top 2922'. Herald Consol.

8S, 10E

2, NW SE SW. George Mitchell Drlg. Contractor #2 Barn. Spd. 11-7-77. Comp. 11-15-77. TD 3105'. D&A. St. Louis, top 2850' (approx.). Inman East Consol.

17, SW NE SW. C. E. Brehm Drlg. & Prod. #1 Fuhrer. Spd. 8-6-77. Comp. 8-22-77. TD 2856'. IP 100 BOP. Aux Vases, top 2726', frac. Inman East Consol.

19, NE SW NE. C. E. Brehm Drlg. & Prod. #1 Seely. Spd. 11-13-77. Comp. 11-19-77. TD 2850'. D&A. Ste. Genevieve, top 2760' (approx.). Inman West Consol.

20, NW SW NW. C. E. Brehm Drlg. & Prod. #2 Wabash. Spd. 11-30-77. Comp. 12-6-77. TD 2828'. D&A. Ste. Genevieve, top 2757' (approx.). Inman West Consol.

GREENE COUNTY

10N, 13W

12, SE SW NE. John Murphy #1 Wolfley. Spd. 8-1-77. Comp. 11-12-77. TD 724'. D&A. Trenton, top 650' (approx.). WF.

HAMILTON COUNTY

6S, 7E

27, C E/2 NW SW. Duke Resources Corp. #1 Bonan. Spd. 5-13-77. Comp. 11-11-77. TD 4269'. IP 580 BOP. Ullin, top 4180'. Broughton. NEW PAY IN FIELD.

HAMILTON COUNTY (continued)

6S, 7E

27, C N/2 SE SW. Duke Resources Corp. #2 Van Winkle. Spd. 4-29-77. Comp. 11-23-77. TD 4446'. IP 245 BOP. Ullin, top 4216'. Broughton.

34, C N/2 NE NW. Duke Resources Corp. #1 Short-Woody. Spd. 9-2-77 (est.). Comp. 11-9-77. TD 4286'. IP 42 BOP. Ullin, top 4186', acid and frac. Broughton.

35, NE SE NW. William R. & Phyllis Becker #1 Burl Miller. Spd. 12-13-77. Comp. 12-23-77. TD 4301'. D&A. Ullin, top 4175' (approx.). WN - Broughton.

36, NE NE SW. Duke Resources Corp. #1 J. West. Spd. 11-2-77. Comp. 11-13-77. TD 4250'. D&A. Ullin, top 4180'. WF.

JASPER COUNTY

5N, 10E

16, SW SW NE. Dr. Kent L. Wattleworth & Walter L. Bunn #2 Frohning. Abd. loc. Clay City Consol.

6N, 11E

Irr. 6, 330'NL, 330'WL, NW. Robert B. Britton #2 Postlewait. Spd. 7-15-77. Comp. 8-30-77. TD 2694'. IP 3 BOP/12 BW. St. Louis, top 2684'. Clay City Consol.

JEFFERSON COUNTY

1S, 4E

2, NW NE NW. Louis H. Kapp, Jr. #1 Clarence Davis. OWWO. OWDD. Was Louis H. Kapp, Jr. #1 Michael-Byars Unit. Was D&A. OTD 2961'. Comp. 9-2-58. Recomp. 11-27-77. DTD 3480'. D&A. Salem, top 3142'. WF.

16, NE SW NE. John Dunnill #1 Lawrence Eller. Conversion. Was McClosky producer. Comp. 5-13-76. COTD 2930'. Water input. McClosky, top 2831'. Divide Consol.

18, NW SE SE. Louis H. Kapp, Jr. #1 Warren et al. Spd. 10-15-77. Comp. 12-6-77. TD 3420'. IP 120 BOP. Salem, top 3112', acid. Divide Consol.

24, SE SE NE. The Stone Oil Co. #5 Lora Donoho. Spd. 11-10-77. Comp. 12-10-77. TD 3607'. IP 45 BOP/45 BW. Salem, top 3480', acid. Coil West.

2S, 4E

3, NW SW NE. Van Fossan Assoc. #1 Barczewski et al. Spd. 12-12-77. Comp. 12-19-77. TD 3630'. D&A. Salem, top 3200' (approx.). Oakdale North.

4S, 3E

12, SW SW NW. C. E. Brehm Drlg. & Prod. #1 Bernard-Hughes. Spd. 10-06-77. Comp. 10-16-77. TD 3942'. IP 100 BOF. McClosky, top 3077', nat. DISCOVERY OF SPRING GARDEN FIELD.

JEFFERSON COUNTY

4S, 3E

12, SW SE NE. C. E. Brehm Drlg. & Prod. #1 Edmison. Spd. 11-28-77. Comp. 12-6-77. TD 3235'. D&A. Ste. Genevieve, top 3020' (approx.). WN - Spring Garden.

LAWRENCE COUNTY

3N, 11W

20, 168'SL, 617'EL, NW. Payne Brothers #1 Nancy H. Ackman. OWWO. Was The Texas Co. #1 E. Ackman. Was D&A. OTD 1977'. Comp. 10-10-50. Recomp. 11-2-77. COTD 1982'. D&A. St. Louis, top 1967'. Lawrence.

26, SW NW SE. Russ Randall, Inc. #1 G. Doll. Spd. 11-1-77. Comp. 11-9-77. TD 2563'. D&A. Ullin, top 2540' (approx.). Beman.

3N, 12W

17, C NW SW. Marathon Oil Co. #60 W. E. Finley. Spd. 5-10-77. Comp. 9-31-77. TD 1480'. Trace of oil, 590 BW. Buchanan, top 1340', acid. Lawrence.

3N, 13W

11, SE SE SE. Reinhold Oil Producers #4 M. Staats Comm. Spd. 12-14-76. Comp. 10-22-77. TD 2296'. IP 28 BOP/65 BW. McClosky, top 2240', mca and frac. Lawrence West.

4N, 12W

29, 10'NL, 660'WL, SW. Marathon Oil Co. #TB-25 J. B. Lewis. Spd. 6-17-76. Comp. 7-15-76 (est.). TD 1402'. Water input. Bridgeport, top 814'; Cypress, top 1307'. Lawrence.

29, 1333'SL, 650'WL, SW. Marathon Oil Co. #TB-27 J. B. Lewis. Spd. 6-22-76. Comp. 7-22-76 (est.). TD 1043'. Water input. Bridgeport, top 855'. Lawrence.

29, C S/2 SW. Marathon Oil Co. #UB-28 J. B. Lewis. Spd. 7-15-76. Comp. 8-15-76 (est.). TD 1100'. Water input. Bridgeport, top 895'. Lawrence.

30, C SE SE. Marathon Oil Co. #RB-28 L. D. Sutton. Spd. 7-19-76. Comp. 8-20-76. TD 1095'. Water input. Bridgeport, top 920'. Lawrence.

LIVINGSTON COUNTY

30N, 3E

29, 102'NL, 139'WL, SW. Northern Illinois Gas Co. #11 Cullen. Spd. 5-29-77. Comp. 10-31-77. TD 2546'. Gas injection/withdrawal. Mt. Simon, top 2243'. Ancona Gas Storage Field.

29, 66'NL, 150'WL, NE SE. Northern Illinois Gas Co. #4 Jacobs. Spd. 6-16-77. Comp. 9-29-77. TD 2700'. Gas injection/withdrawal. Mt. Simon, top 2434'. Ancona Gas Storage Field.

LIVINGSTON COUNTY (continued)

30N, 3E

30, 66'NL, 350'WL, SW NW. Northern Ill. Gas Co. #3 A. White. Spd. 7-9-77. Comp. 11-8-77. TD 2655'. Gas injection/withdrawal. Mt. Simon, top 2298'. Ancona Gas Storage Field.

30, 66'NL, 325'WL, SW NW. Northern Ill. Gas Co. #203 A. White. Spd. 8-1-77. Comp. 8-4-77. TD 420'. Gas withdrawal. Galena, top 270'. Ancona Gas Storage Field.

31, 91'NL, 33'EL, NW NW. Northern Ill. Gas Co. #1 Kovacevich. Spd. 6-19-77. Comp. 11-9-77. TD 2612'. Gas injection/withdrawal. Mt. Simon, top 2280'. Ancona Gas Storage Field.

31, 332'NL, 66'EL, NW. Northern Ill. Gas Co. #2 Kovacevich. Spd. 7-8-77. Comp. 10-31-77. TD 2620'. Gas injection/withdrawal. Mt. Simon, top 2269'. Ancona Gas Storage Field.

MCLEAN COUNTY

24N, 2E

11, 124'NL, 150'WL, NE NE. Northern Ill. Gas Co. #3 McGuire. Spd. 2-23-77. Comp. 5-27-77. TD 4227'. Gas injection/withdrawal. Mt. Simon, top 3852'. Hudson Gas Storage Field.

2, 150'NL, 154'WL, SW SE. Northern Ill. Gas Co. #2 R. Killian. Spd. 2-3-77. Comp. 6-15-77. TD 4212'. Gas injection/withdrawal. Mt. Simon, top 3843'. Hudson Gas Storage Field.

11, 124'NL, 66'WL, NE. Northern Ill. Gas Co. #4 McGuire. Spd. 2-27-77. Comp. 6-14-77. TD 4239'. Gas injection/withdrawal. Mt. Simon, top 3869'. Hudson Gas Storage Field.

2, 66'SL, 100'WL, NE NW. Northern Ill. Gas Co. #4 Bates. Spd. 12-9-76. Comp. 6-17-77. TD 4230'. Gas injection/withdrawal. Mt. Simon, top 3862'. Hudson Gas Storage Field.

1, C SE NW. Northern Ill. Gas Co. #8 Grimes. Spd. 11-15-76. Comp. 6-13-77. TD 4203'. Gas injection/withdrawal. Mt. Simon, top 3817'. Hudson Gas Storage Field.

1, 660'NL, 760'WL, SW NW. Northern Ill. Gas Co. #9 Grimes. Spd. 11-6-76. Comp. 5-26-77. TD 4114'. Gas injection/withdrawal. Mt. Simon, top 3834'. Hudson Gas Storage Field.

25N, 2E

35, 108'SL, 125'WL, SW. Northern Ill. Gas Co. #2 Raycraft. Spd. 11-12-76. Comp. 6-29-77. TD 4213'. Gas injection/withdrawal. Mt. Simon, top 3876'. Hudson Gas Storage Field.

35, 150'NL, 66'EL, SE SW. Northern Ill. Gas Co. #3 Raycraft. Spd. 12-1-76. Comp. 6-28-77. TD 4188'. Gas injection/withdrawal. Mt. Simon, top 3834'. Hudson Gas Storage Field.

MCLEAN COUNTY (continued)

25N, 3E

13, 150'NL, 66'EL, SW SW. Northern Ill. Gas Co. #1 Brokaw. Spd. 3-19-77. Comp. 8-19-77. TD 4115'. Gas injection/withdrawal. Mt. Simon, top 3753'. Lexington Gas Storage Field.

13, 100'SL, 66'EL, SW SW. Northern Ill. Gas Co. #2 Brokaw. Spd. 4-22-77. Comp. 8-22-77. TD 4137'. Gas injection/withdrawal. Mt. Simon, top 3770'. Lexington Gas Storage Field.

13, 322'NL, 41'WL, NE SW. Northern Ill. Gas Co. #1 Dawson Cemetery. Spd. 3-7-77. Comp. 8-22-77. TD 4125'. Gas injection/withdrawal. Mt. Simon, top 3742'. Lexington Gas Storage Field.

13, 66'NL, 100'WL, NE NW. Northern Ill. Gas Co. #1 Peine. Spd. 6-5-76. Comp. 5-11-77. TD 4082'. Gas injection/withdrawal. Mt. Simon, top 3739'. Lexington Gas Storage Field.

13, 66'NL, 100'EL, NW. Northern Ill. Gas Co. #2 Peine. Spd. 7-1-76. Comp. 5-16-77. TD 4120'. Gas injection/withdrawal. Mt. Simon, top 3756'. Lexington Gas Storage Field.

14, 147'SL, 21'WL, SE. Northern Ill. Gas Co. #4 Finks. Spd. 4-24-77. Comp. 8-3-77. TD 4123'. Gas injection/withdrawal. Mt. Simon, top 3740'. Lexington Gas Storage Field.

14, 100'NL, 66'WL, NW. Northern Ill. Gas Co. #1 Moore. Spd. 5-20-77. Comp. 9-26-77. TD 4120'. Gas injection/withdrawal. Mt. Simon, top 3763'. Lexington Gas Storage Field.

14, 100'NL, 66'WL, SW NW. Northern Ill. Gas Co. #2 Moore. Spd. 4-25-77. Comp. 8-18-77. TD 4132'. Gas injection/withdrawal. Mt. Simon, top 3771'. Lexington Gas Storage Field.

14, 100'NL, 66'WL, SW. Northern Ill. Gas Co. #3 Moore. Spd. 3-17-77. Comp. 8-4-77. TD 4114'. Gas injection/withdrawal. Mt. Simon, top 3775'. Lexington Gas Storage Field.

14, 170'NL, 0'WL, NE NW. Northern Ill. Gas Co. #7 Pyne. Spd. 2-10-77. Comp. 8-2-77. TD 4098'. Gas injection/withdrawal. Mt. Simon, top 3727'. Lexington Gas Storage Field.

23, 100'SL, 66'EL, NE NE. Northern Ill. Gas Co. #3 Brokaw. Spd. 3-26-77. Comp. 8-23-77. TD 4142'. Gas injection/withdrawal. Mt. Simon, top 3784'. Lexington Gas Storage Field.

MADISON COUNTY

6N, 6W

22, NE SW NW. John T. Mitchell #3-A Sievers. Spd. 11-28-77. Comp. 12-15-77. TD 586'. D&A. Pennsylvanian, top 570' (est.). Livingston South.

27, 330'NL, 950'WL, SW NE. Fairfield Oil Co. #17 Blom. Spd. 11-4-77. Comp. 11-23-77. TD 595'. D&A. Pennsylvanian, top 576'. Livingston South.

MARION COUNTY

1N, 2E

Irr. 7, 70'NL, 590'EL, NE. Texaco, Inc. #10 W. B. Carr "B", Salem Unit Tract 186. Spd. 10-21-77. Comp. 11-30-77. TD 3417'. IP 58 BOP/190 BW. Devonian, top 3370', acid. Salem Consol.

Irr. 7, 1350'NL, 660'EL, NE. Texaco, Inc. #31 G. S. Johnson "A", Salem Unit Tract 187. Spd. 9-13-77. Comp. 10-30-77. TD 3515'. IP 103 BOP/20 BW. Devonian, top 3400', acid. Salem Consol.

1N, 3E

30, 330'NL, 330'EL, NW SW. G.A.M. Oil Co. #1 Pitts. Spd. 6-15-76. Comp. 9-1-76. TD 2946'. IP 12 BOP/80 BW. Salem, top 2655', acid. EXTENSION TO KELL NORTH. (This well was erroneously run as D&A in the November 1977 Drilling Report.)

1N, 4E

28, NE NE SW. Pogo Petroleum, Inc. #1 Wisnewski. Spd. 11-29-77. Comp. 12-6-77. TD 3465'. D&A. Salem, top 3153'. WN - Exchange East.

2N, 1E

21, SW NW NW. E. Homer Jahn #2 Spieser et al. Abd. loc. WF.

2N, 2E

31, 291'SL, 362'WL, NW NE. Texaco, Inc. #25 K. Wayman, O/A Salem Unit, Tract 92. OWWO. Conversion. Was Devonian producer, deepened to Trenton producer, converted to Aux Vases water input, then temp. abd. Comp. 11-16-77. COTD 2002'. Water input. St. Louis, top 1992'. Salem Consol.

3N, 4E

8, SE NW NW. Robert H. Evans #1 Rose. Spd. 4-27-76. Comp. 9-15-76. TD 2659'. D&A. St. Louis, top 2647'. Omega.

MONTGOMERY COUNTY

8N, 5W

15, SW SE SE. MP Gas & Oil Exploration #1 Klekamp. Spd. 7-20-67 (est.). Comp. 8-20-67 (est.). TD 670'. Temp. abd. Pennsylvanian, top 650' (approx.). Litchfield South.

15, NW SE SE. MP Gas & Oil Expl. #3 Klekamp. Spd. 8-6-67. Comp. 10-1-67. TD 670'. Temp. abd. Pennsylvanian, top 668' (est.). Litchfield South.

POPE COUNTY

14S, 5E

10, SE SW SE. Milo Ditterline #2 Milo Ditterline. Spd. 9-28-77. Comp. 10-10-77. TD 880'. D&A. Renault, top 870' (approx.). WF.

RANDOLPH COUNTY

4S, 6W

12, 400'SL, 330'EL, SE NW. Elmer Oelze, Jr. #1 Virgil Hoffman. OWWO. Was Homeier Oil Enterprises, Inc. #1 Virgil Hoffman. Was D&A. OTD 2135'. Comp. 4-9-76. Recomp. 12-5-77. COTD 2135'. IP 5 BOP/trace of water. Silurian, top 2022'. Tilden North.

RANDOLPH COUNTY (continued)

4S, 6W

12, 390'NL, 385'WL, SW NE. Elmer Oelze, Jr. #1 Patton. Spd. 7-5-77. Comp. 12-12-77. TD 2141'. IP 8 BOP/8 BW. Silurian, top 2016'. Tilden North.

5S, 7W

25, SE NW NW. Leonard Bixby #1 Hennrich. Spd. 10-25-77. Comp. 11-28-77. TD 2033'. D&A. Trenton, top 2000' (approx.). WF.

RICHLAND COUNTY

3N, 10E

2, C E/2 NW SE. Black and Black Oil Co. #1 Nichols. Spd. 11-7-77. Comp. 11-20-77. TD 4001'. D&A. Ullin, top 3940' (approx.). WN - Olney South.

4N, 9E

25, NE NW NW. Union Oil Co. of California #B-5 Howard Cazel. OWDD. Was Cypress producer. OTD 2582'. Comp. 11-29-77. DTD 3023'. IP 8 BOP/16 BW. McClosky, top 2905'. Clay City Consol.

4N, 10E

4, SW NW NW. John M. Zanetis #3 Gerald Kermicle. Conversion. Was McClosky producer. Comp. 8-1-76 (est.). COTD 2994'. Water input. McClosky, top 2895'. Clay City Consol.

10, SW SE SE. J. E. Brown #3 C. O. Winter. Spd. 5-26-77. Comp. 12-20-77. TD 3142'. IP 20 BOP. Aux Vases, top 2930'. Olney Consol.

4N, 14W

16, NE SE NE. Rector & Stone Drlg. Co. #1 Rennier Comm. OWWO. OWDD. Was Sun Oil Co. #1 J. Rennier. Was D&A. OTD 3203'. Comp. 2-2-43. Recomp. 8-26-77. DTD 3873'. IP 4 BOP/10 BW. Aux Vases, top 3052'; McClosky, top 3145'. EXTENSION TO AMITY FIELD. AUX VASES NEW PAY IN FIELD.

5N, 10E

33, C N/2 SW SW. John M. Zanetis #1-W Bridges Cons. Conversion. Was Spar Mountain and St. Louis producer. Comp. 6-1-76 (est.). COTD 2962'. Water input. Spar Mountain, top 2879'; St. Louis, top 2952'. Clay City Consol.

ST. CLAIR COUNTY

1N, 10W

Projected 33, 107'SL, 550'WL, NE NE. Victor Nettle #1 Nettle SWD. Conversion. Was D&A. Temp. abd. OTD 3111'. Comp. 4-23-70. Recomp. 3-75. TD 3086'. SWD. St. Peter, top 974'; Mt. Simon, top 3086'. Dupo.

SALINE COUNTY

8S, 5E

26, 310'NL, 400'WL, SW SW. Emerson Welker #1 Choisser-Wilhite. Spd. 9-11-74. Comp. 9-18-74. TD 3090'. D&A (SO). Ste. Genevieve, top 2970'. Harco East.

SANGAMON COUNTY

14N, 3W

Irr. 6, 990'SL, 330'EL, SW. Hale Resources & Energy Co. #1-A Virgel A. Hawk Jr. Spd. 11-9-76. Comp. 11-29-77. TD 1745'. D&A. Silurian, top 1697'. Edinburg West.

16N, 2W

26, SW SE NE. Homeier Oil Enterprises #1 Pritchett Comm. Spd. 6-25-75. Comp. 7-8-75. TD 1540'. SWD. Burlington, top 1510'. Illiopolis.

TAZEWELL COUNTY

24N, 2W

28, NE NW SE. Robert F. Garland #1 Greening. Spd. 12-4-76. Comp. 12-8-76. TD 1145'. D&A. Silurian, top 1130' (approx.). WF.

WABASH COUNTY

1N, 11W

8, 990'NL, 4930'WL, of Lot #3 of Location #1. M & M Operating Co. #3 Yelch et al. Spd. 12-4-77. Comp. 12-9-77. TD 2110'. D&A. Ste. Genevieve, top 2086'. Allendale.

1N, 12W

16, SE SE NW. Southern Triangle Oil Co. #1 Cozine. Spd. 11-25-77. Comp. 12-8-77. TD 2830'. D&A. Salem, top 2810' (est.). Allendale.

21, NW NE NW. Raymond Brinkley #1 Haase. Spd. 10-7-77. Comp. 11-10-77. TD 3016'. IP 8 BOP/4 BW. St. Louis, top 2586'. Allendale.

23, C N/2 NE SE. A. M. Energy, Inc. #1 Chapman Trust et al. Unit. Spd. 1-23-77. Comp. 12-13-77. TD 1494'. IP 2 BOP/20 BW. Biehl, top 1473', mca. Allendale.

24, C S/2 SE NW. Whiteside Oil Co. #1 Whiteside Unit-Armstrong. Spd. 7-12-77. Comp. 7-16-77. TD 1492'. IP 3 BOP/80 BW. Biehl, top 1457', mca and frac. Allendale.

1N, 13W

25, NE SW NW. Viking Oil Co. #1 Dunkel Comm. Spd. 10-19-77. Comp. 10-23-77. TD 1750'. D&A. Biehl, top 1646'. WN - New Harmony Consol.

25, 421'NL, 330'WL, NE NW. Viking Oil Co. #1 Smith-Knowles et al. Unit. Spd. 11-25-77. Comp. 11-29-77. TD 1726'. D&A. Biehl, top 1720' (approx.). WN - Allendale.

1S, 13W

32, 330'SL, 360'WL, SW. Southern Triangle Oil Co. #1 Fern G. Alka. Spd. 12-12-77. Comp. 12-19-77. TD 3480'. D&A. Salem, top 3230' (approx.). New Harmony Consol.

1S, 14W

27, SE NW SW. Petro-Search Associates, Inc. #1-P Henry Hering. Spd. 11-20-77. Comp. 12-2-77. TD 3700'. D&A. Salem, top 3380' (est.). Browns.

WABASH COUNTY (continued)

1S, 14W

34, 330'SL, 530'EL, NE NW. Gilbert A. Higgins #1 Hering et al. Unit. Spd. 11-17-77. Comp. 11-23-77. TD 3063'. D&A. McClosky, top 3020' (approx.). Browns.

34, NE NW SE. Charles C. White #1 Carl Raber. Spd. 11-10-77. Comp. 11-17-77. TD 2805'. D&A. Bethel, top 2785' (approx.). Browns.

2S, 13W

Irr. 3, 614'NL, 330'EL, NW. Earnest I. Barker #1 Epler Heirs. OWWO. Was D&A. OTD 2682'. Comp. 6-8-69. Recomp. Comp. 11-15-77. COTD 2686'. D&A. McClosky, top 2658'. New Harmony Consol.

Irr. 31, 330'SL, 330'EL, SW NE. Sigma Oil Co. #6 Winiford Gray. Spd. 8-9-77. Comp. 11-1-77. TD 2887'. IP 30 BOP/trace of water. Cypress, top 2482', frac. New Harmony Consol.

2S, 14W

10, SE SE SE. Jack & Fred Hocking #1 Fred Hocking. Spd. 12-10-77. Comp. 12-17-77. TD 2983'. D&A. Ste. Genevieve, top 2920' (approx.). Browns East.

11, SW SE SW. Hocking Oil Co., Inc. #1 Harold Bosecker. Spd. 11-23-77. Comp. 12-01-77. TD 3660'. D&A. Salem, top 3360' (est.). Browns East.

11, SE SW SW. Hocking Oil Co., Inc. #1 Walter Bosecker. Spd. 10-30-77. Comp. 12-20-77. TD 2960'. IP 125 BOP. Spar Mountain, top 2950'. Browns East.

14, SW SW NE. Kendra Corp. #1 Chris Bosecker et al. Spd. 11-14-77. Comp. 11-29-77. TD 3595'. D&A. Salem, top 3350' (approx.). Browns East.

WASHINGTON COUNTY

3S, 5W

27, SW NE SW. Seymour S. Smith & David A. Smith #1 O. Stolz. Spd. 12-17-77. Comp. 12-20-77. TD 1177'. D&A. Ste. Genevieve, top 1170' (approx.). WF.

WAYNE COUNTY

1N, 5E

10, NE SW NW. Juniper Petroleum Corp. #23-10 Chester Henson. Spd. 12-16-77. Comp. 12-22-77. TD 3807'. D&A. Ullin, top 3680' (approx.). WN - Zenith South.

Irr. 18, 330'SL, 660'EL, NW SE. Ego Oil Co., Inc. #1 Bert Henson et al. Spd. 12-6-76. Comp. 12-24-76. TD 4679'. D&A. Devonian, top 4552'. Orchardville North.

WAYNE COUNTY (continued)

1N, 8E

22, 430'SL, 330'WL, NW NE. Hubert W. Rose #1-A V. Holmes. Spd. 12-10-76. Comp. 1-24-77. TD 3750'. IP 14 BOP/180 BW. McClosky, top 3165', acid; St. Louis, top 3288', acid; Salem, top 3601', acid. Clay City Consol.

1N, 9E

8, SE SW NE. Viking Oil Co. #1 Fred Wells. Spd. 11-20-77. Comp. 12-1-77. TD 4100'. D&A. Ullin, top 3930' (approx.). Mt. Erie North.

2N, 7E

23, SE SE NW. Hubert Rose #2 "A" S. J. Staley. OWDD. Was Pure Oil Co. #1 S. J. Staley "A". Was Spar Mountain and McClosky producer. OTD 3028'. Comp. 2-20-45. Recomp. 10-26-77. DTD 3961'. IP 30 BOP/180 BW. Salem, top 3526'. Clay City Consol.

26, 370'NL, 330'WL, NE NW. Edward C. Koch #1-K Thompson. Spd. 4-21-77. Comp. 11-5-77. TD 3765'. IP 125 BOP/250 BW. Salem, top 3530', acid. Clay City Consol.

2N, 8E

21, NW NE NW. Santoro Oil Co., Inc. #1 R. Skelton. Spd. 9-20-77. Comp. 12-13-77. TD 3690'. IP 14 BOP. Spar Mountain, top 3008'. Clay City Consol.

1S, 5E

19, SE NW NW. Louis H. Kapp, Jr. #2 Donohoe. Spd. 10-24-77. Comp. 11-26-77. TD 3538'. IP 100 BOP/10 BW. Salem, top 3484', acid. Coil.

19, NW NW NW. Louis H. Kapp, Jr. #3 Donohoe. Spd. 11-3-77. Comp. 11-30-77. TD 3545'. Oil well, IP not available. Salem, top 3491', acid. Coil.

26, NW SW SW. Louis A. Pessina #12 Katherina Goff. Spd. 10-22-77. Comp. 12-7-77. TD 3635'. IP 162 BOF. Salem, top 3620', nat. Keenville.

34, 390'NL, 330'EL, SW. N. A. Baldridge #3 B. Bozarth. Spd. 9-21-77. Comp. 12-6-77. TD 3724'. IP 38 BOP/some water. Salem, top 3624'. Keenville.

34, 330'NL, 380'WL, SE. Fletcher F. Farrar #1 I.B.M. Farms-Feathers. Spd. 10-11-77. Comp. 11-22-77. TD 3838'. IP 35 BOP/20 BW. Salem, top 3444', acid. Keenville.

36, SW SE SE. Bufay Oil Co. #1 Matthews Comm. Spd. 11-11-77. Comp. 11-19-77. TD 3825'. D&A. Ullin, top 3790'. Keenville East.

1S, 6E

Irr. 1, 990'SL, 330'WL, SE. David Allison #2 S. Stipp. Spd. 10-11-77. Comp. 10-16-77. TD 3241'. D&A (SO). McClosky, top 3231'. Johnsonville Consol.

WAYNE COUNTY (continued)

1S, 6E

Irr. 4, 2117'SL, 797'EL, NW. Van Fossan Assoc. #4 H. L. Harrell. Abd. loc. Johnsonville Consol.

Irr. 4, 990'SL, 330'WL, SE NW. Van Fossan Assoc. #5 H. L. Harrell. Abd. loc. Johnsonville Consol.

Irr. 12, 330'SL, 330'WL, NW NE. David Allison #2 Mattox Comm. Spd. 10-26-77. Comp. 11-1-77. TD 3261'. D&A. Fredonia, top 3248'. Johnsonville Consol.

14, C W/2 SW NW. Fletcher F. Farrar #2 Hilliard. OWWO. Was Shakespeare Oil Co. #1 H. Hilliard. Was D&A. OTD 3060'. OWWO. OWDD by R. L. Van Fossan. DTD 3814'. D&A. Comp. 11-26-75. Recomp. 10-22-77. COTD 3813'. IP 30 BOP/15 BW. Aux Vases, top 3033', mca; Salem, top 3739', mca. Johnsonville South.

22, SE SE NE. Texaco, Inc. #5 A. L. Harlan N. C. 2. Spd. 10-20-77. Comp. 11-25-77. TD 3830'. IP 16 BOP/40 BW. McClosky, top 3150'; Salem, top 3744', acid. Johnsonville South.

23, 990'SL, 360'WL, NW SW. Texaco, Inc. #3 W. W. Thomas N. C. 3. Spd. 10-7-77. Comp. 11-9-77. TD 3825'. IP 46 BOP/238 BW. Salem, top 3740', acid. Johnsonville South.

1S, 7E

Irr. 19, 330'SL, 600'EL, SW NE. Ernest Sherman #1 Long. Spd. 11-30-77. Comp. 12-7-77. TD 3253'. D&A. McClosky, top 3250' (approx.). Clay City Consol.

21, NE SE SW. Van Fossan Assoc. #1 Perry Young. OWWO. OWDD. Was Perry Fulk #1 P. Young. Was D&A. OTD 3343'. Comp. 10-1-46. Recomp. 11-23-77. DTD 3943'. D&A. Salem, top 3625' (est.). Clay City Consol.

29, NW NE SW. Modern Explorations #1 Leslie White. Spd. 11-7-77. Comp. 11-20-77. TD 3974'. D&A. Ullin, top 3960' (approx.). Clay City Consol.

Irr. 30, 330'NL, 330'EL, NW. Donald E. Schmitt #1 Lawrence Heirs. Spd. 11-7-77. Comp. 12-20-77. TD 4000'. D&A. Warsaw, top 3966'. Clay City Consol.

33, NW SW NW. Jerry E. Friend #1 Oakley Hunt. Spd. 9-20-77. Comp. 11-22-77. TD 4006'. IP 45 BOP/trace of water. Salem, top 3854', acid. Clay City Consol.

1S, 8E

Irr. 4, 330'NL, 330'EL, SE. Farmers Petroleum Coop., Inc. #2 L. Borah. OWDD. Was V. D. Jarvis #2 L. Borah. Was Aux Vases producer. OTD 3080'. Comp. 2-23-54. Recomp. 12-5-77. DTD 3910'. IP 25 BOP/25 BW. Salem, top 3632'. Clay City Consol.

WAYNE COUNTY (continued)

1S, 9E

26, SW SW NE. Juniper Petr. Corp. #2 Virginia Hanes et al. Conversion. Was Skiles Oil Co. #1 Virginia Haines. Was Ohara and Spar Mountain producer. Comp. 11-10-77. COTD 3315'. Water input. Ohara, top 3276'; Spar Mountain, top 3306'. Half Moon.

35, SW NW NE. Karen S. Revelle #1 L. Sams. OWWO. OWDD. Was N. V. Duncan. Was D&A (SO). OTD 3410'. Comp. 6-18-57. Recomp. 12-20-77. DTD 3995'. IP 5 BOP/5 BW. Salem, top 3981', mca and acid. Half Moon.

2S, 6E

20, NE SW SE. Shakespeare Oil Co., Inc. #1 Sherwood Land Co. Spd. 10-21-77. Comp. 11-2-77. TD 4230'. D&A. Ullin, top 3930'. WF.

29, SE SW NW. Ill. Mid-Continent Co. & Dee Drlg. Co. #1 Sherwood Land Co. Spd. 7-14-77. Comp. 12-20-77. TD 4291'. IP 10 BOP/30 BW. Ullin, top 4154', mca. EXTENSION TO MAYBERRY FIELD.

31, NW SE SE. Comanche Oil Corp. #2 J. Thomason. Abd. loc. WN - Mayberry.

2S, 8E

36, C N/2 SE SE. Jerry E. Friend #4 O. Laws. Spd. 12-11-76. Comp. 3-1-77. TD 3430'. IP 40 BOP/30 BW. Aux Vases, top 3300', frac.; McClosky, top 3396', acid. Barnhill.

2S, 9E

16, C W/2 NE NW. Ernest Sherman #1 Cooper. Spd. 9-17-76. Comp. 11-15-77. TD 4383'. IP 50 BOP/20 BW. Aux Vases, top 3235', frac.; Spar Mountain, top 3322', acid. Goldengate North Consol.

28, C W/2 NE NW. M. J. Williams #1 Boze Comm. OWWO. Was New Penn Dev. Corp. #1 Boze Comm. Was D&A. OTD 3394'. Comp. 9-8-42. Recomp. 5-15-76. COTD 3395'. IP 8 BOP/0 BW (est.). Aux Vases, top 3190'; McClosky, top 3320', nat. Goldengate Consol.

WHITE COUNTY

3S, 8E

30, NE NW SE. Sam Tipps #1 McIntosh. OWWO. Conversion. Was Southern Petroleum Co. #1 P. A. McIntosh. Was plugged Aux Vases producer. OTD 3245'. Comp. 4-22-41. Comp. 8-1-75. COTD 2550' (est.). SWD. Waltersburg, top 2490'. Mill Shoals.

3S, 9E

30, SW SE SW. Fletcher F. Farrar #1 Ward Heirs. Spd. 10-31-77. Comp. 11-10-77. TD 4310'. D&A. Warsaw, top 4158'. Goldengate Consol.

4S, 8E

29, NE NW SW. Perry Fulk #2 Woodrow et al. "B" Unit. Spd. 10-10-77. Comp. 12-13-77. TD 3409'. Oil well, IP not available. Aux Vases, top 3399'. Springerton South.

WHITE COUNTY (continued)
4S, 8E

30, NE NE SE. John Carey Oil Co., Inc. #1 L. McIntosh. Spd. 10-25-77. Comp. 10-31-77. TD 3510'. D&A. Ste. Genevieve, top 3450'. Springerton South.

33, NW NW SW. Donald E. Brown, Sr. #1 J. T. Lawrence. Spd. 10-18-77. Comp. 11-15-77 (est.). TD 3340'. IP 57 BOP. Aux Vases, top 3329', nat. Springerton South.

33, SW SE NW. Perry Fulk #1 Lawrence et al. Unit. Spd. 11-7-77. Comp. 11-14-77. TD 3386'. D&A. Aux Vases, top 3350' (approx.). Springerton South.

33, NE SW NW. Perry Fulk #1 Gary Morris. Spd. 11-15-77. Comp. 12-21-77. TD 3343'. IP 70 BOP. Aux Vases, top 3338', mca. Springerton South.

33, NW SW NW. Perry Fulk #2 Gary Morris. Spd. 10-14-77. Comp. 11-23-77. TD 3346'. IP 70 BOP. Aux Vases, top 3338', mca. Springerton South.

33, NW SW SW. RK Petroleum Corp. #2 John Prince et al. Spd. 11-10-77. Comp. 11-27-77. TD 3344'. IP 61 BOP/0 BW. Aux Vases, top 3332', nat. Springerton South.

33, SW SW NW. Perry Fulk #1 Wahl. Spd. 10-8-77. Comp. 11-29-77. TD 3341'. IP 118 BOP. Aux Vases, top 3329', frac. Springerton South.

33, SE SW NW. Perry Fulk #2 Wahl. Spd. 10-10-77. Comp. 11-15-77 (est.). TD 3343'. IP 100 BOP. Aux Vases, top 3339', frac. Springerton South.

33, SE NE SE. RK Petroleum Corp. #1 Dale Williams et al. Spd. 11-17-77. Comp. 11-22-77. TD 3446'. D&A. Ste. Genevieve, top 3405' (approx.). Springerton South.

34, SE NW SW. RK Petroleum Corp. #7 Continental Bank. Spd. 10-20-77. Comp. 11-22-77. TD 3343'. IP 80 BOP. Aux Vases, top 3333'. Springerton South.

34, SE NE SW. RK Petroleum Corp. #9 Continental Bank. Spd. 12-9-77. Comp. 12-16-77. TD 3390'. D&A. Aux Vases, top 3330' (est.). Springerton South.

34, NE SW SW. RK Petroleum Corp. #1 Robert Williams. Spd. 10-28-77. Comp. 12-6-77. TD 3339'. IP 28 BOP/84 BW. Aux Vases, top 3321', frac. Springerton South.

34, SE SW SW. RK Petroleum Corp. #2 Robert Williams. Spd. 11-6-77. Comp. 11-13-77. TD 3379'. D&A. Aux Vases, top 3332'. Springerton South.

36, NE SE NW. RK Petroleum Corp. #1 Stella Wicker. Spd. 11-19-77. Comp. 11-29-77. TD 3474'. D&A. Fredonia, top 3409'. WN - Trumbull Consol.

WHITE COUNTY (continued)

4S, 9E

13, NE NE NW. C. E. Brehm Drlg. & Prod. #2 Barbre et al. Spd. 12-6-77. Comp. 12-18-77. TD 4092'. D&A. Ullin, top 4080' (approx.). Centerville East.

4S, 10E

5, SE NE NE. Parks & York Drilling Co. #1 Kenneth Waggoner. OWWO. Was Raymond A. Messman #1 Kenneth Waggoner. Was plugged Cypress producer. OTD 2941'. Comp. 12-9-75. Recomp. 10-15-77. COTD 2941'. IP 3 BOP/1 BW. Cypress, top 2904'. Centerville East.

Irr. 30, 330'SL, 330'EL, NW SW. C. E. Brehm Drlg. & Prod. #1 Winter-Renshaw Comm. Spd. 10-3-77. Comp. 11-3-77. TD 7852'. D&A. St. Peter, top 7800' (approx.). Sumpter.

4S, 11E

Irr. 6, 330'SL, 990'EL, SW. William R. & Phyllis Becker #2 Lamont "B" Lease. Spd. 12-7-77. Comp. 12-16-77. TD 1876'. D&A. Biehl, top 1850' (approx.). Phillipstown Consol.

4S, 14W

27, SE SW SE. The Superior Oil Co. #C-20 H. C. Ford et al. Conversion. Was Tar Springs, Cypress and Aux Vases producer converted to Tar Springs, Cypress and Aux Vases water input. OTD 2940'. Comp. 10-21-77. COTD 2900'. Water input. Tar Springs, top 2180'; Cypress, top 2578'; Aux Vases, top 2806'; McClosky, top 2866'. New Harmony Consol.

5S, 8E

4, SW SW SE. RK Petroleum Corp. #7 Willard Brockett, Jr. Abd. loc. Enfield North.

9, NW SW NE. RK Petroleum Corp. #6 Willard Brockett, Jr. Abd. loc. Enfield North.

9, SW NE NE. RK Petroleum Corp. #2 Lawrence Ramsey. Abd. loc. Enfield North.

19, SW NW NE. Reynolds & Vincent #2 Carl Wilson Comm. Spd. 9-19-77. Comp. 11-18-77. TD 4620'. IP 46 BOP/0 BW. Ullin, top 4356', acid. Enfield.

6S, 9E

12, 330'SL, 310'WL, NW NW. Jim Haley Production Co. #13 Storms Field Tract #6. OWWO. Was Exchange Oil Co. & Ohio Oil Co. #13 Pearce. Was plugged Waltersburg producer. OTD 2269'. Comp. 1-7-41. Recomp. 6-7-76. COTD 2274'. IP 16 BOP/60 BW. Waltersburg, top 2250'. Storms Consol.

22, 330'SL, 430'EL, NE NW. Dennis Paine Service Co. #A-1 James Phillips. Spd. 7-18-77. Comp. 8-15-77 (est.). TD 1950'. IP 4.5 BOP. Pennsylvanian, top 1925', shot. Storms Consol.

WHITE COUNTY (continued)

6S, 10E

21, NE NW SE. Jim Haley Production Co. #3 W. R. Tuley. OWDD. Was Great Lakes Carbon Co. #1 S. J. Tuley. Was Aux Vases producer. OTD 2911'. Comp. 5-2-44. Recomp. 3-5-76. DTD 3475'. IP 60 BOP. St. Louis, top 3309'. Concord Consol.

WILLIAMSON COUNTY

8S, 4E

26, NW SE SE. C. E. Brehm Drlg. & Prod. #1 Moulton. Spd. 10-18-77. Comp. 10-26-77. TD 2991'. D&A. Ste. Genevieve, top 2900' (approx.). WF.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH DECEMBER 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLAY COUNTY

34-3N-8E, NW SE NW. R. L. VanFossan Assoc. #1 Dehart. 2992'. 11-17-77. Clay City Consol.

29-5N-8E, SE SW SW. Frank L. Strickland #1 W. Leonard. 3018'. 11-18-77. Sailor Springs Consol.

32-5N-8E, 344'SL, 330'WL, NE NW. Halses Oil Co. #2 H. C. Bahl. 3010'. 11-15-77. Sailor Springs Consol.

CRAWFORD COUNTY

13-5N-12W, NW NW NE. Triple B Oil Producers, Inc. #1 Barcroft & Newell Comm. 1045'. 11-9-77. Main Consol.

32-7N-13W, NE NW SW. Ohio Oil Co. #28 William Wood. 982'. 8-18-77. Main Consol.

FAYETTE COUNTY

11-8N-3E, 990'NL, 330'EL, NE. Carter Oil Co. #1 Cora Larimore. 1587'. 8-19-77. Louden.

32-8N-3E, 335'NL, 497'EL, NW. Carter Oil Co. #11 Mary Blurton, formerly Oil Incorp. 1558'. 11-30-77. (Water input, formerly a producer.) Louden.

32-8N-3E, 397'SL, 460'WL, NE NW. Carter Oil Co. #12 Mary Blurton, formerly Oil Incorp. 1537'. 12-1-77. (Water input, formerly a producer.) Louden.

GALLATIN COUNTY

15-8S-10E, NE SW NE. Carter Oil Co. #54 Arensman (West Unit), formerly Halbert & Leach #1. 2410'. 11-12-77. Inman East Consol.

JASPER COUNTY

6-5N-10E, NW SE NW. Triple "B" Oil Producers #4 McConnell. 3028'. 10-28-77. Clay City Consol.

6-5N-10E, NW SE SW. Triple "B" Oil Producers, Inc. #9 McConnell. 3054'. 11-2-77. Clay City Consol.

6-5N-10E, SW SE NW. Triple "B" Oil Producers #5 McConnell et al. 2976'. 11-4-77. Clay City Consol.

LAWRENCE COUNTY

2-2N-12W, 1280'NL,640'WL, NW NE. Ohio Oil Co. #40 L. A. Buchanan. 1840'. 9-27-77. Lawrence.

31-3N-11W, NE SE SE. J. W. McClure #2 A. B. Jordan. 1892'. 9-23-77. Lawrence.

14-3N-12W, 600'NL, 900'EL, SW. Ohio Oil Co. #10 W. B. Gillespie. 1543'. 11-9-77. Lawrence.

25-3N-12W, 1270'NL, 210'EL, SW. Ohio Oil Co. #10 A. Vandermark. 1855'. 11-2-77. Lawrence.

35-3N-12W, 740'NL, 650'WL, SW NE. Ohio Oil Co. #29 W. A. Gould. 949'. 9-30-77. Lawrence.

35-3N-12W, 180'SL, 130'WL, NE NE. Ohio Oil Co. #17 G. L. Ryan a/c 3. 1771'. 10-17-77. Lawrence.

LAWRENCE COUNTY (continued)

35-3N-12W, 680'NL, 200'WL, NE NE. Ohio Oil Co. #18 G. L. Ryan, a/c 3. 1806'. 10-28-77. Lawrence.

19-4N-12W, 1155'SL, 536'EL, SE. Bridgeport Oil Co. #3 G. L. Miller. 952'. 9-27-77. Lawrence.

19-4N-12W, 135'SL, 1090'EL, SE. Bridgeport Oil Co. #11 G. L. Miller. 939'. 11-14-77. Lawrence.

19-4N-12W, 135'SL, 1072'EL, SE. Indian Refining Co. #16 G. L. Miller. 1330'. 9-20-77. Lawrence.

29-4N-12W, 550'SL, 720'WL, SW. Ohio Oil Co. #41 J. B. Lewis. 1030'. 10-10-77. (Gas input, formerly a producer.) Lawrence.

29-4N-12W, 245'SL, 820'WL, SW. Ohio Oil Co. #44 J. B. Lewis. 1066'. 9-22-77. Lawrence.

13-4N-13W, 500'NL, 330'EL, NE. Ohio Oil Co. #28 A. R. Applegate. 1637'. 11-16-77. Lawrence.

MARION COUNTY

8-1N-1E, NE NE NW. E. E. Flippin #1 Green-Durham Comm., formerly National Assoc. Pet. Co. 1942'. 11-16-77. Central City.

ST. CLAIR COUNTY

36-3S-6W, 2600'SL, 500'EL, SE. W. A. Halt #1 R. A. Moffat. 800'. 12-16-77. Tilden North.

SALINE COUNTY

8-9S-6E, 150'SL, 330'EL, SW SW. Santoro Oil Co. #1 Chicago & Harrisburg Coal Co. 2905'. 12-6-77. Harrisburg West.

8-9S-6E, 325'NL, 450'EL, SE SW. Santoro Oil Co. #3 Chicago & Harrisburg Coal Co. 2378'. 12-7-77. Harrisburg West.

SANGAMON COUNTY

25-16N-3W, 330'NL, 330'WL, SW. Aladdin Oil Development Co. #1 Mendenhall Bros. 1745'. 10-31-77. Mechanicsburg.

34-16N-4W, 430'SL, 330'WL, NW NE. J. U. Dodge #1 Waddle. 1596'. 10-27-77. Clear Lake East.

WABASH COUNTY

26-1S-14W, 330'NL, 660'EL, SW. Southern Triangle Oil Co. #A-1 Blanche Tranquary et al. 2736'. 11-10-77. Lexington.

WASHINGTON COUNTY

8-3S-1W, 330'SL, 330'EL, NE SW. N. A. Baldridge #1 Edward Nagle. 1300'. 11-3-77. Dubois Consol.

8-3S-1W, SW NE SW. N. A. Baldridge #2 Edward Nagle. 1255'. 11-7-77. Dubois Consol.

17-3S-1W, NE SW NE. N. A. Baldridge #4 John Klaybor. 1410'. 11-22-77. Dubois Consol.

17-3S-1W, SE NW NE. J. E. Woofter Drlg. Co. #2 John Klaybor. 1299'. 11-25-77. Dubois Consol.

17-3S-1W, NW NE SE. N. A. Baldridge #1 Piotrzkowski. 1324'. 11-29-77. Dubois Consol.

WAYNE COUNTY

20-2N-8E, NW NE NW. Partlow & Cochonour #1 Rex Gill. 3034'. 11-15-77. Clay City Consol.

WHITE COUNTY

17-4S-14W, NW NE NE. Texaco, Inc. #2-B Mary Glaze, formerly Cherry, Kidd & Sloan. 2857'. 10-31-77. New Harmony Consol.

5-5S-14W, NE NE NW. Clarence E. Brehm #1 Francis Stallings. 2966'. 11-11-77. New Harmony Consol.

2-7S-9E, NE SW NE. Clarence E. Brehm #1 Hobart M. Dagley. 2680'. 11-17-77. Herald Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

Ill. Pet. 99.	Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
Ill. Pet. 101.	Underground Storage of Natural Gas in Illinois—1973 (1974).
Ill. Pet. 102.	Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
Ill. Pet. 104.	Underground Storage of Natural Gas (1975).
Ill. Pet. 105.	Structure Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
Ill. Pet. 106.	Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
Ill. Pet. 109.	Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).
Ill. Pet. 110.	Petroleum Industry in Illinois in 1975 (1976).
Circ. 458.	Paleogeologic Map of Sub-Pennsylvanain Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
Circ. 470.	Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
Circ. 482.	The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
Reprint Ser. 1971-M.	Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
EGN 62.	Energy Supply Problems for the 1970s and Beyond (May 1973).
	Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

Abd. — Abandoned
Acid — Acid treatment
BOF — Barrels of oil flowing
BOP — Barrels of oil on pump
BW — Barrels of water
C — Center
Comp. — Completed
Consol. — Consolidated
COTD — Clean-out total depth
Csg. — Casing
D & A — Dry and abandoned
Dol. — Dolomite
DTD — Drilled deeper total depth
E/2 — East $\frac{1}{2}$
EL — From the east line
Est. — Estimated
Ext. — Extension(s)
Fm. — Formation
Fr. — Fractional
Frac. — Hydraulic fracture treatment
IP — Initial production
L — Line
Loc. — Location
Ls. — Limestone
N/2 — North $\frac{1}{2}$
Nat. — Natural, no treatment
NE — Northeast $\frac{1}{4}$
NL — From the north line
NW — Northwest $\frac{1}{4}$
OTD — Old total depth
OWDD — Old well drilled deeper
OWWO — Old well worked over
PB — Plugged back
PBTD — Plugged-back total depth
R — Range
S/2 — South $\frac{1}{2}$
SE — Southeast $\frac{1}{4}$
SG — Show of gas
Sh. — Shale
SIGW — Shut-in gas well
SL — From the south line
SO — Show of oil
Spd. — Spudded
Ss. — Sandstone
SSO — Slight show of oil
SW — Southwest $\frac{1}{4}$
Swb. — Swabbing
SWD — Salt water disposal well
T — Township
TD — Total depth
Temp. abd. — Temporarily abandoned
W/2 — West $\frac{1}{2}$
WF — Wildcat far (more than $1\frac{1}{2}$ miles from production)
WL — From the west line
WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production)